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North Carolina Department of Transportation
Division of Motor Vehicles
Collision Reports Section

North Carolina Traffic Accident Facts

1989

State of North Carolina

Division of Motor Vehicles

Department of Transportation

An Illustrated Analysis of North Carolina Traffic Accident Statistics for 1989

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Decline In Traffic Fatalities Becomes Trend In North Carolina

A MESSAGE FROM THE COMMISSIONER

Better highways, safer drivers, and more effective traffic law enforcement are making North Carolina roads among the safest in the nation. In 1989, traffic fatalities across the state declined eight percent, which translates into 119 fewer lives lost than during the previous year. Although the number of accidents increased five percent in 1989, the number of vehicles involved in highway crashes declined as a percentage of total vehicle registration.

The decline is not a coincidence, but rather a trend that has occurred over the past three years as highway safety advocates and government leaders alike have become more effective in reducing tragedy on our highways. "Operation Eagle," during which Highway Patrol troopers, DMV enforcement officers and local law enforcement officers screen motorists for drinking and driving, has taken thousands of impaired motorists off our highways. And tough new license restoration policies for repeat offenders are keeping more than 90 percent of them from regaining their driving privileges.

Other measures taken to reduce accidents have included greater emphasis on truck safety, audits of motor carriers to enforce hours of service for their drivers, and the suspension of driver licenses of motorists who are frequent traffic law offenders. Perhaps the most effective weapon in the highway safety arsenal, however, has been citizen involvement in measures to prevent accidents, save lives and reduce injuries. Although there will always be some who will violate traffic laws, given the number of vehicles that travel our highways, voluntary citizen compliance is at an all-time high.

This spirit of compliance must be commended, encouraged and nurtured if we are to improve upon , or even sustain, the highway safety record we have achieved over the past three years. The 1989 edition of North Carolina Traffic Accident Facts serves as a useful "road map" that will show us the way to accomplish this goal. Among the information it contains are the leading causes of injury and fatal accidents, the extent of pedestrian, bicycle, motorcycle and moped involvement, and seat belt use.

Use of these facts is not confined to highway safety research. Every driver can and should learn a lesson from them. The lesson is a simple one: drive defensively, practice common courtesy and the rules of the road, avoid the use of alcohol and other drugs when driving, and obey all traffic laws. Your life and the lives of others depend on how well you have learned this lesson.

William S. Hiatt

William S. Hiatt
Commissioner of Motor Vehicles

TABLE OF CONTENTS

	Page
Composite Accident Picture	1
Comparative Summary: 1989-1988	3
Fatalities by County: 1945-1989	4
Map—Traffic Fatalities by County	6
Urban Fatalities and Pedestrian Fatalities	7
Seriousness of Injury	8
Twenty Year Rate Summary: 1970-1989	9
Accident Rate per 100 Million Vehicle Miles	
Injury Rate per 100 Million Vehicle Miles	
Death Rate per 100 Million Vehicle Miles	
Registration, Mileage, Traffic Accident Data: 1937-1989	10
Traffic Accidents, Deaths and Injury Rates: 1937-1989	11
Accidents, Fatalities and Injuries by Months: 1985-1989	12
Holiday Data: 1985-1989	13
Alcohol Involvement	14
Driver Involvement	15
Most Frequent Traffic Accident Violations	16
Bicycle: 1968-1989	17
Seatbelt Effectiveness Study	18
Child Restraint Usage	20
Statewide Accident Summary	21
Rural Accident Summary	33
Urban Accident Summary	45
Definitions	55

1989 COMPOSITE ACCIDENT PICTURE

GENERAL

- 1,468 persons killed, 8% decrease from 1988.
- 122,796 persons injured, 4% increase from 1988.
- 182,159 traffic accidents reported, 5% increase from 1988.
- 29% of all accidents involved only one vehicle.
- For every 84 persons injured, one person was killed.
- 1 out of every 19 licensed vehicles was involved in an accident.
- 1 out of every 15 licensed drivers was involved in an accident.
- 6,159,555 vehicles were licensed in the State.
- There are 4,484,595 licensed drivers.
- 72% of all accidents occurred between 7:00 a.m. & 7:00 p.m.; while only 53% of fatal accidents occurred during this time period.
- Sunday was the lowest accident day with 10% of all accidents.
- One accident reported every 3 minutes.
- One person injured every 4 minutes.
- One person killed every 6 hours.
- 23 persons were killed for each 100,000 population.
- "Speeding" was the leading violation in fatal accidents.
- In 82% of all accidents at least one driver was in violation of a traffic law.
- Only 3% of all accidents and 6% of fatal accidents involved mechanical defects.

CYCLIST

- 32% of bicyclists killed were between 10 and 14 years of age.
- 1 out of every 42 bicyclists involved in traffic accidents was killed.
- 25 bicyclists killed, 24% decrease from 1988.
- 51 motorcyclists were killed in 1989.
- 74,025 motorcycles were licensed at the end of the year in 1989, and there were 237,427 licensed drivers with Motorcycle Endorsement.
- Your chance of being killed or seriously injured when involved in a motorcycle accident is approximately 1 out of every 2.
- There were 368 reported accidents involving mopeds with 6 riders killed and 91 seriously injured.
- 8% of the moped riders in accidents were under the legal age (16); 21% were aged 16-21, 58% aged 22-55, and 13% over 55.

ALCOHOL INVOLVEMENT

- 16% of the total drivers involved in fatal accidents were known to have been drinking.
- Drinking was a known factor in 12% of all injury accidents and 24% of all fatal accidents.
- 24% of the pedestrians killed in traffic accidents had been drinking.
- 4% of drivers of passenger cars or trucks involved in accidents were judged by the investigating officer to have been drinking.
- Younger drivers (19 thru 29) have a higher rate of alcohol related accidents than older drivers. 16% of passenger car or truck drivers aged 19-29 who are involved in serious or fatal crashes have been drinking.

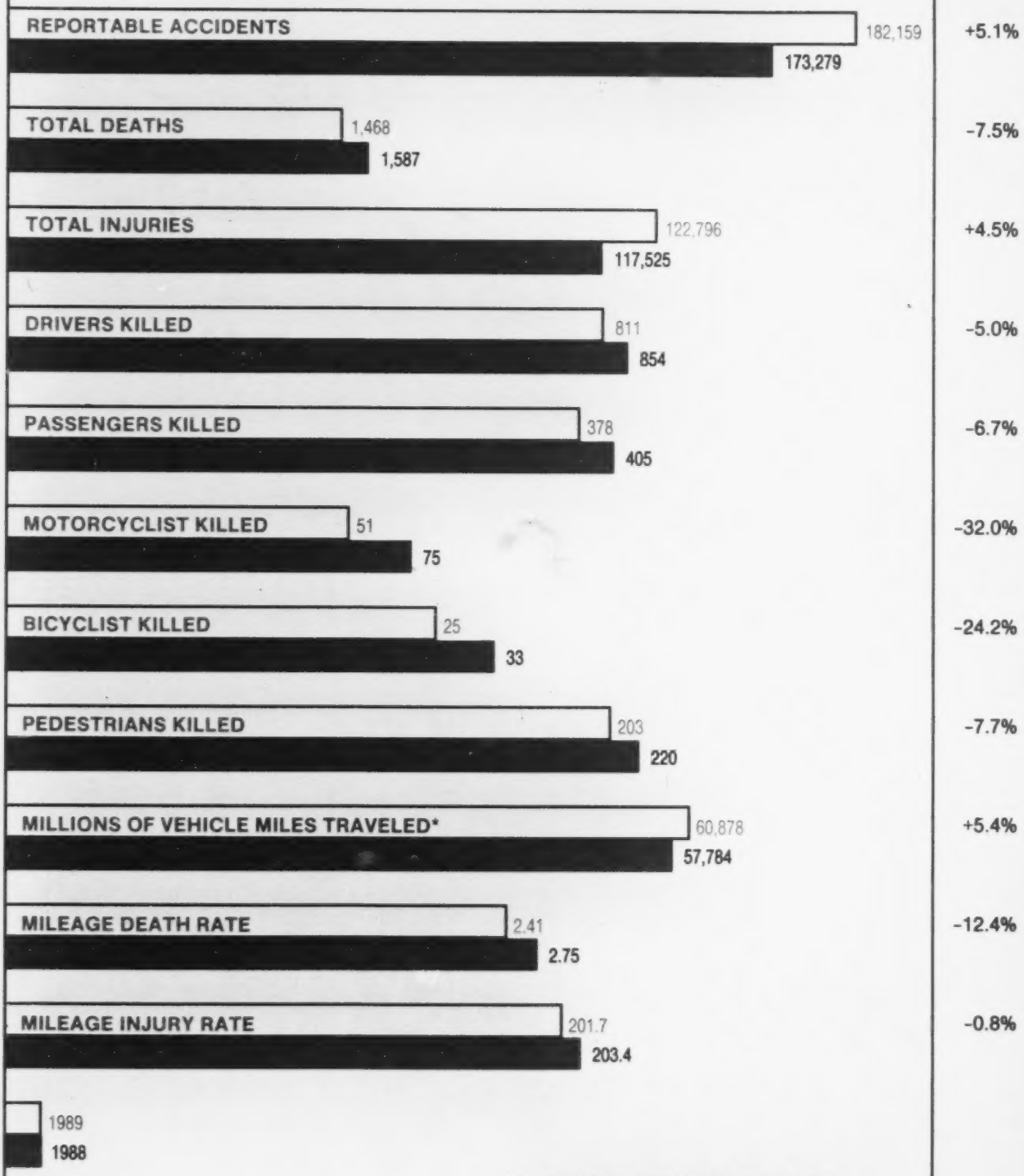
PEDESTRIAN

- 1 out of 11 pedestrians involved in an accident was killed.
- 14% of all fatalities were pedestrians.
- 11% of the pedestrian fatalities were children under 10 years of age.
- 32% of the pedestrian fatalities were killed while crossing not at an intersection, while 6% were crossing at an intersection.
- 11% of the pedestrian fatalities were killed while walking in roadway-with traffic, while 4% were facing traffic.
- 15% of the pedestrian fatalities were killed while lying in roadway.

CHILD RESTRAINTS—SEAT BELTS

- 90.5% of North Carolina children under the age of 2 and involved in an accident were reported as being restrained either by a child restraint or an adult belt system. For children aged 2 thru 5, the percentage decreased slightly to 85.9%.
- 33 children under the age of 6 died in North Carolina accidents; 4 were restrained and 28 were unrestrained. In one case, child restraint or safety belt use could not be determined.

COMPARATIVE SUMMARY 1989-1988



*PER HUNDRED MILLION MILES TRAVELED
(ESTIMATED FROM GASOLINE TAX REVENUE
BY PLANNING & RESEARCH BRANCH
DIVISION OF HIGHWAYS)

FATALITIES BY COUNTY—1945-1989

Counties	1945-1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Total
Alamance	531	26	20	14	24	24	22	28	21	13	17	23	15	21	27	19	845
Alexander	131	3	9	6	8	8	6	3	7	8	9	13	7	8	11	15	252
Alleghany	65	5	1	4	5	4	3	1	4	3	0	0	1	0	2	0	98
Anson	267	5	5	7	8	5	11	9	2	3	9	5	7	6	15	9	373
Ashe	106	1	8	3	6	2	5	0	4	4	3	3	3	3	3	1	155
Avery	73	1	3	2	2	5	6	5	5	2	3	4	5	3	4	3	126
Beaufort	380	11	8	16	11	9	15	11	12	10	12	10	17	13	13	8	556
Bertie	227	7	6	6	8	7	10	6	7	8	10	10	12	9	13	4	350
Bladen	351	15	13	21	5	10	10	15	8	7	11	4	11	18	15	13	527
Brunswick	379	9	12	11	25	9	18	21	13	9	12	17	24	22	17	13	611
Buncombe	839	36	34	29	24	31	41	40	28	26	18	21	30	28	30	38	1,293
Burke	488	20	22	15	21	11	14	13	20	8	16	25	20	14	23	11	741
Cabarrus	484	11	12	6	24	15	16	20	16	18	21	16	22	18	19	17	735
Caldwell	369	9	15	17	13	22	8	19	15	7	14	14	14	10	20	15	581
Camden	67	3	7	0	3	2	3	3	0	2	1	1	0	1	1	0	94
Carteret	308	8	8	7	8	13	5	14	9	8	9	11	11	15	8	12	454
Caswell	228	5	6	11	13	7	10	11	6	5	9	7	12	6	2	5	343
Catawba	660	24	26	19	39	22	26	26	27	31	32	23	25	27	28	29	1,064
Chatham	390	15	11	20	20	15	12	10	10	9	19	24	20	17	15	21	628
Cherokee	9	6	3	6	8	3	4	1	6	5	1	6	5	6	2	4	205
Chowan	89	0	1	2	1	0	2	4	2	4	3	4	3	6	2	2	125
Clay	32	1	0	3	1	2	0	2	2	0	0	2	2	1	0	1	49
Cleveland	524	17	25	23	13	15	14	28	20	17	23	20	23	15	14	8	799
Columbus	608	14	32	21	21	14	19	18	29	21	18	19	31	20	35	14	934
Craven	512	25	28	21	18	15	7	12	9	10	14	16	16	16	14	11	744
Cumberland	1,203	55	63	41	47	59	30	30	44	47	62	54	42	57	35	35	1,904
Currituck	142	2	9	12	12	6	2	6	5	7	1	8	10	9	7	9	247
Dare	132	6	4	3	4	2	3	6	5	5	5	5	8	12	3	9	212
Davidson	701	34	38	21	30	43	31	24	21	34	26	27	26	47	20	36	1,159
Davie	211	3	2	3	9	6	5	9	8	5	4	6	4	10	6	5	296
Duplin	407	15	18	12	12	6	20	17	12	13	18	13	11	9	12	18	613
Durham	624	28	20	24	22	22	17	27	24	14	28	26	28	31	19	25	979
Edgecombe	424	17	15	17	12	17	12	23	13	5	14	14	15	18	9	9	634
Forsyth	996	41	35	36	41	40	54	40	36	39	39	30	42	47	29	22	1,576
Franklin	338	10	7	12	14	18	9	16	10	6	14	7	9	8	20	12	510
Gaston	798	25	26	37	31	38	39	35	20	28	34	31	35	29	36	29	1,271
Gates	140	6	3	6	5	3	4	7	4	3	9	4	10	6	5	7	222
Graham	23	0	4	0	2	2	3	1	0	0	2	1	2	0	0	3	43
Granville	360	15	6	8	12	11	14	18	6	9	12	10	15	11	20	20	547
Greene	151	4	3	6	7	17	5	0	8	6	5	15	3	5	4	2	241
Guilford	1,493	57	66	58	50	66	59	64	41	47	57	53	70	71	63	60	2,375
Halifax	616	23	20	21	17	15	12	18	23	13	17	21	15	14	28	21	894
Harnett	722	25	29	21	20	29	22	25	24	25	23	29	32	19	33	31	1,109
Haywood	212	11	10	7	14	12	12	7	7	12	11	13	11	14	16	5	374
Henderson	273	16	24	16	6	9	8	15	18	11	15	14	14	21	15	18	493
Hertford	222	7	9	10	9	8	7	7	12	8	5	3	16	7	8	8	346
Hoke	289	12	12	5	12	11	3	5	9	7	4	4	7	10	6	9	405
Hyde	63	6	3	4	3	3	3	2	0	1	0	3	1	5	0	2	99
Iredell	514	18	12	22	19	24	20	22	27	20	27	29	17	28	33	35	867
Jackson	145	13	9	12	3	6	13	7	8	5	1	3	12	11	6	8	262

FATALITIES BY COUNTY—1945-1989 (Continued)

Counties	1945-1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Total
Johnston	781	31	18	23	36	29	29	29	24	17	45	32	44	36	41	34	1,249
Jones	141	5	3	2	5	4	6	5	4	4	5	1	8	8	6	1	208
Lee	364	14	15	15	10	9	17	8	7	12	9	17	15	6	13	11	542
Lenoir	470	14	12	14	17	20	10	17	13	6	17	12	19	14	17	20	692
Lincoln	323	12	12	15	14	19	11	6	9	10	16	15	15	11	16	15	519
Macon	91	9	3	4	8	5	3	9	5	4	3	1	6	1	6	2	160
Madison	135	4	5	3	8	4	8	6	3	5	5	7	2	7	2	3	207
Martin	229	2	5	4	7	12	5	8	7	13	0	12	6	7	11	13	341
McDowell	297	12	22	13	13	12	21	8	6	15	6	11	12	12	17	9	554
Mecklenburg	1,628	84	70	56	82	79	75	89	59	70	81	56	85	77	68	76	2,735
Mitchell	39	2	0	1	1	3	5	3	3	2	3	2	4	6	2	4	80
Montgomery	222	5	4	15	4	8	9	4	7	3	13	8	3	5	19	7	336
Moore	463	11	15	11	16	21	12	10	13	13	18	19	17	22	12	19	692
Nash	774	32	22	20	36	34	26	18	23	23	14	23	30	23	20	25	1,143
New Hanover	452	18	14	17	17	24	19	13	19	10	19	23	16	23	13	19	716
Northampton	363	7	15	16	10	10	7	5	9	10	6	11	11	4	11	1	496
Onslow	659	35	38	37	28	25	18	22	36	34	27	30	38	36	26	21	1,110
Orange	336	21	8	13	10	15	22	26	13	9	16	16	23	16	15	9	568
Pamlico	90	1	2	5	1	5	2	5	3	4	4	5	4	3	4	2	140
Pasquotank	144	7	8	6	5	5	4	4	9	2	6	4	5	8	8	6	231
Pender	323	6	12	12	6	10	16	11	12	6	4	7	9	10	10	10	464
Perquimans	101	2	1	4	4	3	4	1	3	1	1	2	2	4	1	1	135
Person	244	5	12	7	7	4	11	2	5	6	13	6	5	7	11	7	352
Pitt	482	22	18	15	9	25	19	33	18	18	13	23	18	21	22	30	786
Polk	96	3	2	1	5	0	5	3	2	2	4	3	2	3	4	3	138
Randolph	638	18	23	28	25	22	26	23	18	26	30	35	32	22	40	34	1,040
Richmond	478	17	16	18	15	11	22	13	6	9	15	18	14	13	20	21	706
Robeson	1,356	62	59	40	53	46	42	49	28	47	42	45	45	52	53	46	2,065
Rockingham	631	22	26	21	33	26	28	28	15	21	16	31	28	21	19	13	979
Rowan	621	31	26	24	26	27	38	23	22	23	26	33	23	21	26	29	1,019
Rutherford	359	13	19	23	20	17	23	15	14	10	18	14	21	15	17	21	619
Sampson	608	18	29	29	22	22	25	25	22	26	27	16	30	33	23	18	973
Scotland	360	9	8	9	12	7	13	11	8	8	8	5	18	13	15	10	514
Stanly	314	10	4	11	9	12	10	12	9	9	8	6	5	12	16	13	460
Stokes	208	11	13	12	17	6	6	6	9	12	4	11	17	7	9	7	355
Surry	450	27	18	22	13	10	19	12	11	12	9	12	14	16	21	20	685
Swain	62	5	2	4	1	6	0	0	0	3	3	2	2	2	1	1	94
Transylvania	92	4	3	4	4	6	4	3	2	1	2	2	2	5	2	1	137
Tyrrell	41	2	4	0	0	1	0	1	0	1	0	0	1	5	0	0	56
Union	485	24	19	11	13	11	20	20	21	18	22	15	23	27	26	18	773
Vance	360	9	9	3	16	9	8	12	10	11	10	12	20	19	13	13	534
Wake	1,372	47	58	59	43	53	69	53	66	34	71	75	70	54	59	51	2,234
Warren	204	6	4	19	11	5	7	6	4	7	4	3	9	5	6	8	308
Washington	124	7	4	4	1	4	0	9	3	7	0	7	7	4	2	2	185
Watauga	131	9	6	3	6	6	2	8	8	4	3	7	7	5	6	8	219
Wayne	620	22	24	12	28	32	36	28	20	7	25	17	16	24	20	29	960
Wilkes	563	16	16	16	13	17	26	16	12	13	14	12	21	21	21	19	816
Wilson	656	34	29	22	26	21	29	13	19	18	20	28	20	21	19	17	990
Yadkin	205	6	9	12	6	17	5	5	9	2	3	7	7	13	10	6	322
Yancey	85	3	5	3	1	4	3	1	5	6	3	2	3	0	2	4	130
TOTAL	39,716	1,522	1,531	1,442	1,515	1,526	1,519	1,497	1,320	1,242	1,448	1,482	1,645	1,601	1,587	1,468	62,127

TRAFFIC FATALITIES BY COUNTY
1989

URBAN AND PEDESTRIAN FATALITIES

FATAL ACCIDENTS AND PERSONS KILLED BY CITIES AND TOWNS

Cities and Towns	Fatal Accidents	Persons Killed	Cities and Towns	Fatal Accidents	Persons Killed	Cities and Towns	Fatal Accidents	Persons Killed
Albemarle	2	2	Greensboro	19	21	Oxford	2	2
Archdale	1	1	Greenville	4	4	Raleigh	14	15
Asheboro	4	4	Hamlet	1	1	Reidsville	2	2
Asheville	5	7	Havelock	1	1	Rockingham	5	5
Belmont	1	1	Henderson	1	2	Rocky Mount	5	5
Boone	2	2	Hendersonville	2	2	Salisbury	5	5
Burlington	2	2	Hickory	3	3	Sanford	3	3
Cary	3	4	High Point	9	9	Shelby	1	1
Chapel Hill	3	3	Jacksonville	5	5	Smithfield	2	2
Charlotte	48	50	Kannapolis	2	2	Southern Pines	1	1
Clinton	2	2	Kings Mountain	1	1	Statesville	3	3
Concord	3	3	Kinston	2	2	Thomasville	3	3
Durham	12	14	Lexington	2	2	Washington	1	1
Elizabeth City	1	1	Lumberton	5	5	Waynesville	1	1
Fayetteville	9	10	Monroe	3	3	Wilmington	10	10
Forest City	1	2	Morganton	1	2	Wilson	4	4
Garner	2	2	Mount Airy	1	1	Winston-Salem	16	17
Gastonia	8	12	New Bern	1	1	TOTAL	255	274
Goldsboro	4	4	Newton	1	1			

URBAN PEDESTRIAN FATALITIES

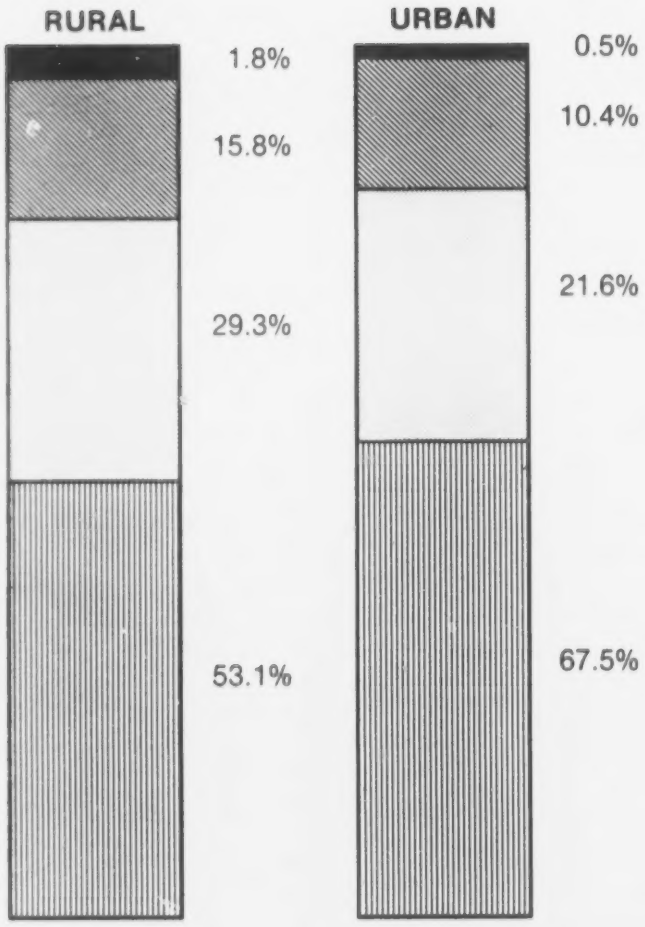
City	Fatalities	City	Fatalities	City	Fatalities
Boone	2	Greensboro	7	Rockingham	2
Chapel Hill	1	Hickory	1	Rocky Mount	1
Charlotte	19	High Point	3	Shelby	1
Clinton	1	Kannapolis	1	Smithfield	2
Durham	3	Lumberton	1	Statesville	2
Fayetteville	2	Monroe	1	Wilmington	2
Garner	1	New Bern	1	Wilson	1
Goldsboro	2	Oxford	1	Winston-Salem	8
Greenville	3	Raleigh	4	TOTAL	73

RURAL PEDESTRIAN FATALITIES

County	Fatalities	County	Fatalities	County	Fatalities
Alamance	3	Gates	1	Pamlico	1
Alexander	1	Graham	1	Pasquotank	3
Avery	1	Granville	2	Pender	2
Beaufort	2	Guilford	3	Person	2
Bladen	2	Halifax	2	Randolph	1
Brunswick	2	Harnett	3	Richmond	1
Buncombe	2	Hertford	2	Robeson	6
Burke	1	Hoke	1	Rockingham	1
Caldwell	4	Iredell	1	Rowan	1
Carteret	2	Jackson	1	Rutherford	1
Chowan	1	Johnston	4	Sampson	2
Cleveland	1	Lee	3	Scotland	2
Columbus	1	Lenoir	4	Stanly	1
Cumberland	3	Martin	2	Surry	3
Dare	2	McDowell	2	Union	2
Davidson	1	Mecklenburg	1	Wake	4
Duplin	1	Mitchell	1	Warren	2
Durham	1	Nash	2	Washington	1
Edgecombe	4	New Hanover	3	Wayne	2
Franklin	3	Northampton	1	Wilkes	2
Gaston	3	Onslow	6	Wilson	3
				TOTAL	130

SERIOUSNESS OF INJURY

1989



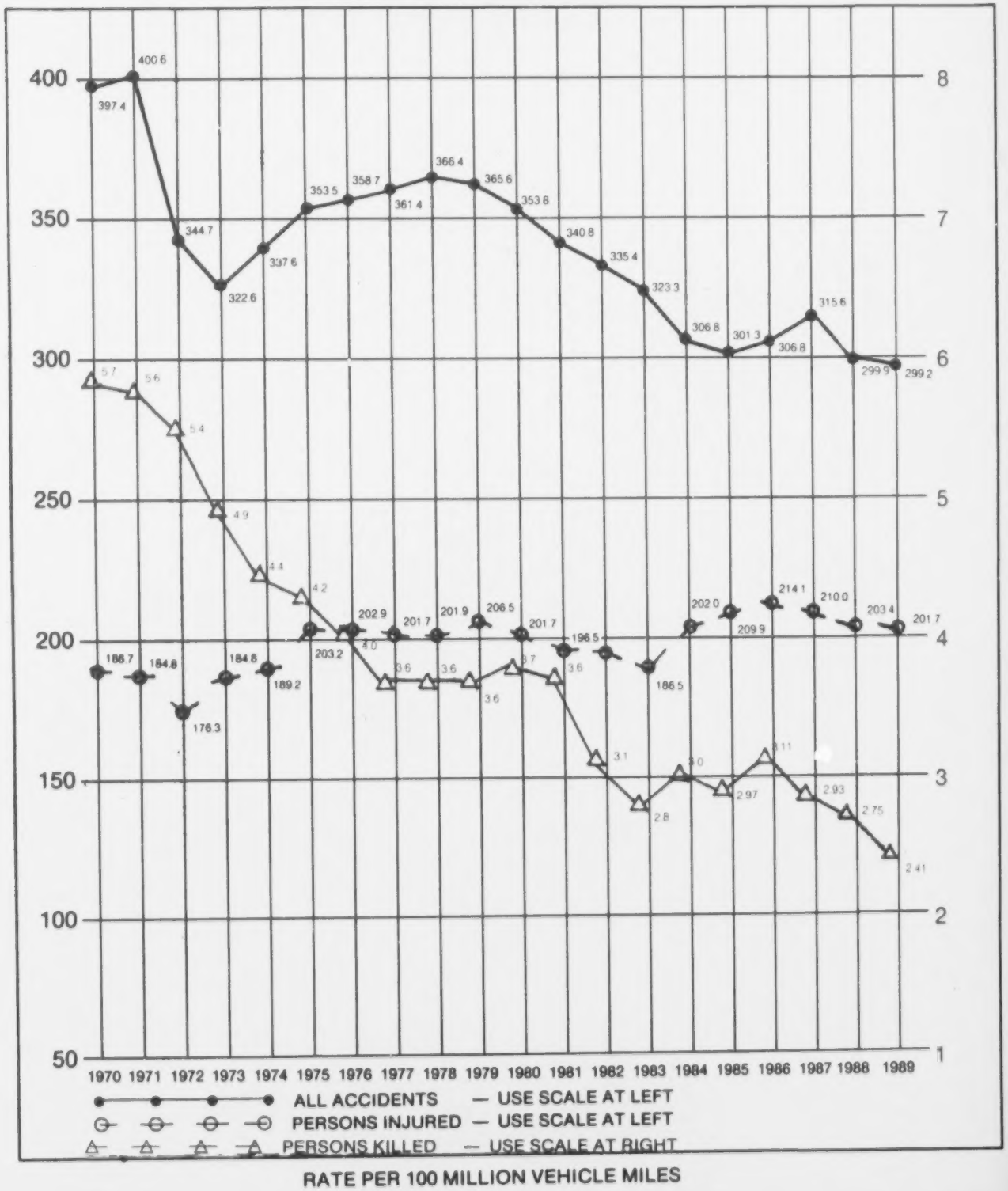
K. KILLED

A. Bleeding members, distorted member or any condition that required victim to be carried from the scene.

B. Other visible injuries such as bruises, swelling, limping or any painful movement.

C. Complaint of pain without visible signs of injury or momentary unconsciousness.

1970-1989
TWENTY YEAR RATE SUMMARY



RATE PER 100 MILLION VEHICLE MILES

REGISTRATION—MILEAGE
TRAFFIC ACCIDENT DATA—1937-1989

YEAR	ANNUAL TOTALS				
	VEHICLES REGISTERED	MILES† DRIVEN	REPORTED ACCIDENTS	PERSONS INJURED	PERSONS KILLED
1937	586,660	5,351,585,068	7,413	7,990	1,123
1938	593,035	5,518,464,937	7,495	7,633	937
1939	632,301	5,833,236,940	8,135	7,190	943
1940	669,259	6,261,226,331	9,010	5,298	991
1941	737,108	7,267,717,822	11,672	6,444	1,289
1942	696,140	5,410,409,297	6,456	3,790	842
1943	669,625	4,612,824,255	5,334	3,161	684
1944	671,517	4,769,294,681	6,191	3,446	658
1945	686,436	5,733,264,095	7,529	4,376	732
1946	779,930	8,142,967,055	10,242	6,062	1,028
1947	883,498	8,932,927,542	12,501	6,527	836
1948	958,541	9,585,411,742	16,218	7,490	734
1949	1,030,319	10,409,375,895	21,202	9,721	843
1950	1,171,228	11,852,054,320	28,251	12,352	989
1951	1,247,824	12,900,246,745	37,606	15,123	1,071
1952	1,297,550	13,879,289,065	42,941	15,409	1,115
1953	1,384,757	14,471,064,522	45,757	15,171	1,118
1954	1,437,823	14,620,223,380	40,449	15,600	991
1955	1,601,357	15,967,235,901	45,054	17,875	1,165
1956	1,672,440	16,849,512,043	49,235	19,480	1,108
1957	1,720,162	17,026,878,360	47,705	19,061	1,064
1958	1,708,324	17,293,201,314	50,739	21,412	1,083
1959	1,820,166	18,355,880,228	57,234	24,802	1,193
1960	1,907,988	18,719,108,363	59,734	26,947	1,226
1961	1,984,233	19,940,427,803	60,845	34,435	1,258
1962	2,056,888	20,245,863,536	65,338	37,404	1,325
1963	2,101,132	21,470,972,331	72,810	42,662	1,386
1964	2,258,006	22,757,339,201	82,071	49,122	1,584
1965	2,409,978	23,660,587,224	86,842	50,050	1,635
1966	2,575,520	25,197,358,036	97,306	52,111	1,724
1967	2,722,948	26,615,511,764	101,616	54,428	1,751
1968	2,898,420	27,845,824,795	109,383	55,127	1,869
1969	3,071,561	29,849,573,189	120,493	58,614	1,810
1970	3,208,282	31,351,571,206	124,784	58,605	1,772
1971**	3,456,743	33,162,464,879	132,987	61,360	1,846
1972	3,696,849	37,129,721,185	127,872	65,416	1,983
1973	3,981,699	38,972,306,425	125,825	72,069	1,892
1974	4,145,821	36,017,619,408	121,552	68,102	1,585
1975	4,274,227	36,400,000,000	128,683	73,978	1,522
1976	4,490,274	38,600,000,000	138,444	78,315	1,531
1977	4,695,259	40,310,000,000	145,672	81,319	1,442
1978	4,914,209	42,500,000,000	155,704	85,791	1,5[illegible]
1979	5,082,485	42,075,000,000	153,844	86,896	1,526
1980	4,862,214††	41,234,000,000	145,881	83,169	1,519
1981	4,655,675	42,060,000,000	143,327	82,659	1,497
1982	4,980,586	43,100,000,000	144,543	83,849	1,320
1983	5,160,488	45,040,000,000	145,619	83,983	1,242
1984*	5,397,870	48,050,000,000	147,425	97,056	1,448
1985	5,547,039	49,924,000,000	150,417	104,769	1,482
1986	5,767,993	52,881,000,000	162,216	113,191	1,645
1987	5,330,179#	54,600,000,000	172,339	114,674	1,601
1988	5,506,477	57,784,000,000	173,279	117,525	1,587
1989	6,159,555	60,878,000,000	182,159	122,796	1,468

†Column 2—Vehicle miles driven are estimated from gasoline tax revenue by Planning and Research, Division of Highways.
**Basis for accident reporting raised from $100 damage to $200 damage effective July 1, 1971.
*Basis for accident reporting raised from $200 damage to $500 damage effective October 1, 1983.
††Counting procedures changed due to staggered registration.
#Reduction represents a major purge of the master file.

TRAFFIC ACCIDENTS, DEATHS AND INJURY RATES—1937-1989

YEAR	RATE PER 100 MILLION VEHICLE MILES DRIVEN			RATE PER 100 REPORTED ACCIDENTS		DEATH RATE PER 100,000 POPULATION
	REPORTED ACCIDENTS	PERSONS INJURED	PERSONS KILLED	PERSONS INJURED	PERSONS KILLED	
1937	138.5	149.3	29.99	107.8	15.2	35.42
1938	135.8	138.3	16.98	101.8	12.5	29.55
1939	139.5	123.3	16.17	88.34	11.6	29.74
1940	143.9	84.6	15.83	58.80	11.0	27.45
1941	160.6	88.7	17.74	55.21	11.0	36.02
1942	119.3	70.0	15.56	58.70	13.0	23.47
1943	115.6	68.5	14.83	59.26	12.8	19.15
1944	129.8	72.3	13.80	55.69	10.6	18.37
1945	131.3	76.3	12.77	58.12	9.72	20.5
1946	125.8	74.4	12.62	59.19	10.04	28.79
1947	139.9	73.1	9.359	52.21	6.69	23.41
1948	169.2	78.1	7.657	46.18	4.53	20.56
1949	203.7	93.8	8.098	45.85	3.98	23.61
1950	238.4	104.2	8.345	43.72	3.50	24.35
1951	291.5	117.2	8.302	40.21	2.85	26.05
1952	309.4	111.0	8.034	35.88	2.60	26.80
1953	316.2	104.8	7.726	33.16	2.44	26.56
1954	276.7	106.7	6.778	38.57	2.450	23.26
1955	282.2	111.9	7.296	39.67	2.586	27.04
1956	292.2	115.6	6.576	39.57	2.250	25.42
1957	280.2	111.9	6.249	39.96	2.230	24.14
1958	293.4	123.8	6.263	42.20	2.134	24.30
1959	311.8	135.1	6.499	43.33	2.084	26.19
1960	319.1	144.0	6.549	45.11	2.052	26.91
1961	305.1	172.7	6.289	56.59	2.068	27.24
1962	322.7	184.8	6.530	57.24	2.023	28.31
1963	339.1	198.7	6.437	58.60	1.898	30.42
1964	360.6	215.8	6.960	59.86	1.930	34.77
1965	367.0	211.5	6.893	57.64	1.878	35.87
1966	386.3	206.9	6.78	53.57	1.575	37.84
1967	380.1	204.5	6.57	53.68	1.720	38.43
1968	392.8	198.0	6.70	50.41	1.707	41.02
1969	403.7	196.3	6.10	48.64	1.498	39.73
1970	397.4	186.7	5.64	47.00	1.420	34.87
1971**	400.6	184.8	5.66	46.14	1.388	36.32
1972	344.7	176.3	5.35	51.15	1.55	39.02
1973	322.6	184.8	4.85	57.29	1.50	37.23
1974	337.6	189.2	4.40	56.00	1.30	31.19
1975	353.5	203.2	4.18	57.48	1.18	29.95
1976	358.7	202.9	3.97	56.57	1.11	30.13
1977	361.4	201.7	3.58	55.82	0.99	28.35
1978	366.4	201.9	3.57	55.10	0.97	27.70
1979	365.6	206.5	3.63	56.48	0.99	27.87
1980	353.8	201.7	3.68	57.01	1.04	25.75
1981	340.8	196.5	3.56	57.67	1.04	25.37
1982	335.4	194.6	3.06	58.01	0.91	22.37
1983	323.3	186.5	2.76	57.67	0.85	21.05
1984*	306.8	202.0	3.01	65.83	0.98	23.81
1985	301.3	209.9	2.97	69.65	0.99	24.37
1986	306.8	214.1	3.11	69.78	1.01	26.30
1987	315.6	210.0	2.93	66.54	0.93	25.55
1988	299.9	203.4	2.75	67.82	0.92	24.75
1989	299.2	201.7	2.41	67.41	0.81	22.63

**Basis for accident reporting raised from $100 damage to $200 damage effective July 1, 1971.

*Basic for accident reporting raised from $200 damage to $500 damage effective October 1, 1983.

ACCIDENTS, FATALITIES, AND INJURIES BY MONTH

REPORTED MOTOR VEHICLE TRAFFIC ACCIDENTS

Month	1985	1986	1987	1988	1989
January	13,390	11,783	13,506	15,257	13,094
February	10,166	11,157	13,496	11,629	14,718
March	10,951	12,770	12,629	13,491	15,311
April	11,634	12,470	14,022	13,928	14,407
May	12,549	13,353	14,151	14,269	14,748
June	12,105	12,675	14,093	13,800	15,208
July	12,325	13,433	14,063	13,924	13,958
August	13,155	14,839	14,298	14,695	14,208
September	11,575	12,903	14,449	15,144	15,712
October	14,081	15,278	16,002	16,278	16,014
November	14,722	15,812	15,745	15,263	15,580
December	13,764	15,743	15,885	15,601	19,201
TOTAL	150,417	162,216	172,339	173,279	182,159

REPORTED MOTOR VEHICLE TRAFFIC FATALITIES

Month	1985	1986	1987	1988	1989
January	91	124	98	99	101
February	90	91	118	85	97
March	126	133	107	128	123
April	141	145	119	125	130
May	134	145	135	126	109
June	155	153	140	131	133
July	150	139	155	176	140
August	131	158	142	127	121
September	120	132	160	142	121
October	109	143	150	157	166
November	132	141	137	123	114
December	103	141	140	168	113
TOTAL	1,482	1,645	1,601	1,587	1,468

REPORTED MOTOR VEHICLE TRAFFIC INJURIES

Month	1985	1986	1987	1988	1989
January	8,367	7,626	7,669	8,548	8,625
February	6,667	7,120	7,800	7,657	9,006
March	8,033	8,655	8,021	9,146	9,769
April	8,417	8,872	9,313	9,580	10,300
May	9,192	9,488	9,955	10,261	10,328
June	9,052	9,586	9,757	9,616	10,822
July	9,065	9,908	10,063	10,080	10,300
August	9,775	10,741	10,182	10,627	10,081
September	8,514	9,424	10,114	10,645	10,893
October	9,321	10,579	10,746	11,163	11,279
November	9,733	10,762	10,291	9,924	10,173
December	8,633	10,430	10,763	10,278	11,220
TOTAL	104,769	113,191	114,674	117,525	122,796

HOLIDAY DATA

HOLIDAY	PERIOD BEGINNING (6:00 P.M.)	PERIOD ENDING (MIDNIGHT)	ALL ACCIDENTS	PERSONS INJURED	PERSONS KILLED
NEW YEAR					
1984-1985	12-28-84	1-1-85	1230	892	19
1985-1986	12-30-85	1-1-86	1414	954	14
1986-1987	12-31-86	1-4-87	1790	1097	28
1987-1988	12-31-87	1-3-88	1563	1091	10
1988-1989	12-29-88	1-2-89	1891	1359	19
EASTER					
1985	4-5-85	4-8-85	1192	983	14
1986	3-28-86	3-31-86	1266	999	16
1987	4-17-87	4-19-87	1003	816	9
1988	3-31-88	4-3-88	1275	955	15
1989	3-23-89	3-26-89	1375	973	12
MEMORIAL DAY					
1985	5-24-85	5-27-85	1134	992	19
1986	5-23-86	5-26-86	1210	953	23
1987	5-22-87	5-25-87	1330	1088	13
1988	5-27-88	5-30-88	1274	973	13
1989	5-26-89	5-29-89	1208	924	21
FOURTH OF JULY					
1985	7-3-85	7-7-85	1592	1267	25
1986	7-3-86	7-6-86	1280	1075	28
1987	7-2-87	7-5-87	1688	1315	17
1988	7-1-88	7-4-88	1284	1017	25
1989	6-30-89	7-4-89	1849	1514	14
LABOR DAY					
1985	8-30-85	9-2-85	1143	956	21
1986	8-29-86	9-1-86	1399	1132	23
1987	9-4-87	9-7-87	2216	1675	36
1988	9-2-88	9-5-88	1641	1296	22
1989	9-1-89	9-4-89	1275	1010	14
THANKSGIVING					
1985	11-27-85	12-01-85	2179	1546	20
1986	11-26-86	11-30-86	1929	1454	18
1987	11-25-87	11-29-87	2667	1833	22
1988	11-23-88	11-27-88	1858	1310	17
1989	11-22-89	11-26-89	1712	1166	15
CHRISTMAS					
1985	12-23-85	12-25-85	924	601	12
1986	12-24-86	12-28-86	1301	982	23
1987	12-23-87	12-27-87	1946	1540	39
1988	12-22-88	12-26-88	1942	1373	27
1989	12-22-89	12-25-89	1537	936	15

ALCOHOL INVOLVEMENT

PERCENTAGE OF DRIVERS IN ACCIDENTS JUDGED TO HAVE BEEN DRINKING BY THE INVESTIGATING OFFICER BY AGE LEVEL AND ACCIDENT SEVERITY

1989

Age Level	ALL ACCIDENTS			FATAL AND INJURY ACCIDENTS		
	Total Number	Number Drinking	Percent Drinking	Total Number	Number Drinking	Percent Drinking
<16	754	17	2.3%	71	5	7.0%
16-18	35,436	845	2.4%	2,354	183	7.8%
19-20	24,558	1,171	4.8%	1,569	238	15.1%
21-24	41,213	2,421	5.9%	2,706	443	16.3%
25-29	44,736	2,643	5.9%	2,947	478	16.2%
30-34	36,665	2,124	5.8%	2,377	376	15.8%
35-44	54,079	2,350	4.3%	3,573	413	11.6%
45-54	30,401	924	3.0%	2,015	160	7.9%
55+	42,945	688	1.6%	2,820	99	3.5%
TOTAL	310,787	13,183	4.2%	20,432	2,395	11.7%

Based on *reportable* accidents only. Excludes buses, motorcycles, mopeds, bicycles, and pedestrians. Also excludes cases where driver age was unknown or not stated or where drinking status was classified as drinking—not impaired (n = 218). *Accident severity* is determined by the most severe injury resulting from the accident.

DWI ARREST BY SEX AND AGE LEVEL

1989

Age Level	SEX			Total Number	Column Percent
	Male	Female	Not Stated		
<19	3,902	472	354	4,728	5.9%
20-21	4,780	597	633	6,010	7.5%
22-25	11,161	1,378	1,128	13,667	17.0%
26-35	24,596	3,942	1,925	30,463	37.9%
36-45	12,896	1,786	804	15,486	19.3%
46-55	5,514	614	292	6,420	8.0%
56-65	2,295	183	126	2,604	3.2%
66+	713	50	34	797	1.0%
Not stated	53	12	114	179	0.2%
TOTAL	65,910	9,034	5,410	80,354	
ROW PERCENT	82.0%	11.2%	6.7%		

DWI ARREST BY VERDICT AND AGE LEVEL

1989

Age Level	Total Charges	Pending Charges	VERDICT OF CHARGES TRIED		Conviction Rate
			Guilty	Not Guilty	
<19	4,728	1,628	1,615	1,485	52.1%
20-21	6,010	1,687	2,498	1,825	57.8%
22-25	13,667	3,849	6,167	3,651	62.8%
26-35	30,463	9,159	14,447	6,857	67.8%
36-45	15,486	4,790	7,485	3,211	70.0%
46-55	6,420	1,864	3,274	1,282	71.9%
56-65	2,604	733	1,318	553	70.4%
66+	797	203	373	221	62.8%
Not stated	179	104	49	26	65.3%
TOTAL	80,354	24,017	37,226	19,111	66.1%
ROW PERCENT		29.9%	46.3%	23.8%	

DWI arrest data was extracted from Chemical Test Operator Logs and Alcohol Influence Reports furnished by North Carolina Law Enforcement Agencies, and disposition of Uniform Traffic Tickets furnished by the courts.

DRIVER INVOLVEMENT

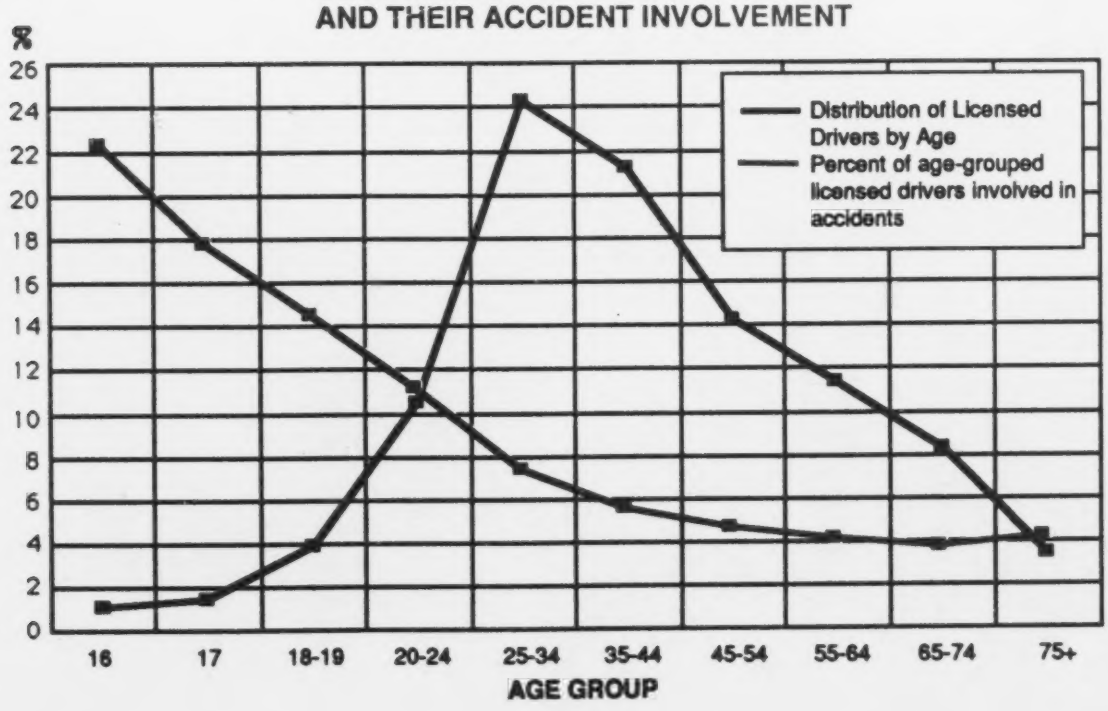
NUMBER OF LICENSED DRIVERS AND ACCIDENTS BY AGE AND INVOLVEMENT 1989

Age of Driver	Number Licensed [a]	ACCIDENT INVOLVEMENT				Percent Involved in Accident [b]
		BODILY INJURY				
		Total	Fatal	Non-Fatal Injury	Property Damage Only	
15 years and younger	—	765	8	393	364	—
16 years	47,798	10,657	43	4,833	5,781	22.3
17 years	65,818	11,681	33	5,089	6,559	17.8
18-19 years	177,286	25,931	165	11,475	14,291	14.6
20-24 years	470,577	52,791	334	22,871	29,586	11.2
25-34 years	1,088,613	80,290	499	34,570	45,221	7.4
35-44 years	951,360	53,139	352	22,727	30,060	5.6
45-54 years	642,681	29,901	213	12,959	16,729	4.7
55-64 years	512,572	21,429	145	9,016	12,268	4.2
65-74 years	374,527	14,359	105	5,958	8,296	3.8
75 years and older	153,363	6,640	63	2,770	3,807	4.3
Not stated	—	1,372	5	464	903	—
TOTAL	4,484,595	308,955	1,965	133,125	173,865	6.9

[a] As of January, 1990

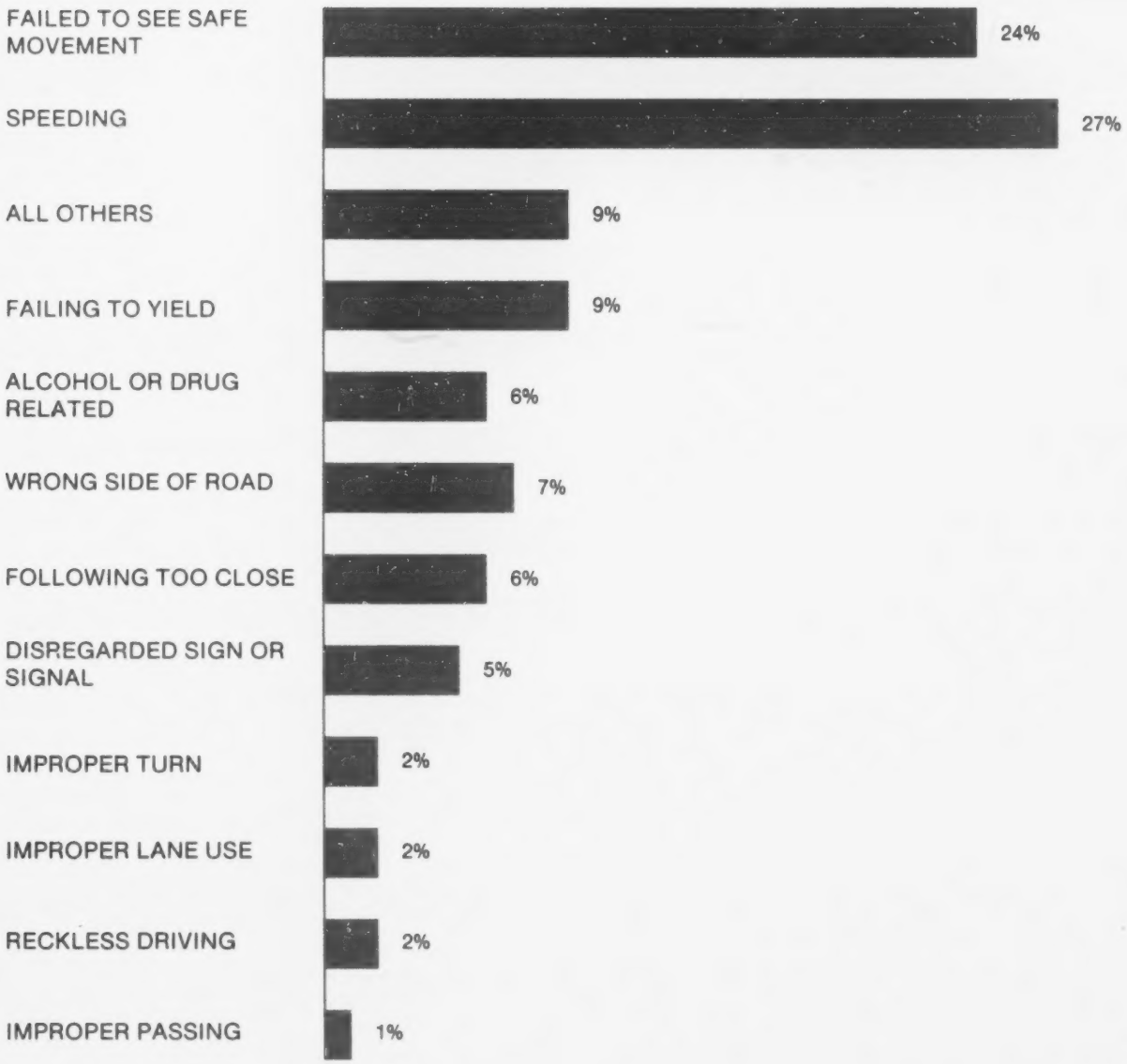
[b] Percentage of number of licensed drivers in each age group involved in accidents.

COMPARISON OF LICENSED DRIVERS AND THEIR ACCIDENT INVOLVEMENT



MOST FREQUENT TRAFFIC ACCIDENT VIOLATIONS IN NORTH CAROLINA DURING 1989

STATEWIDE



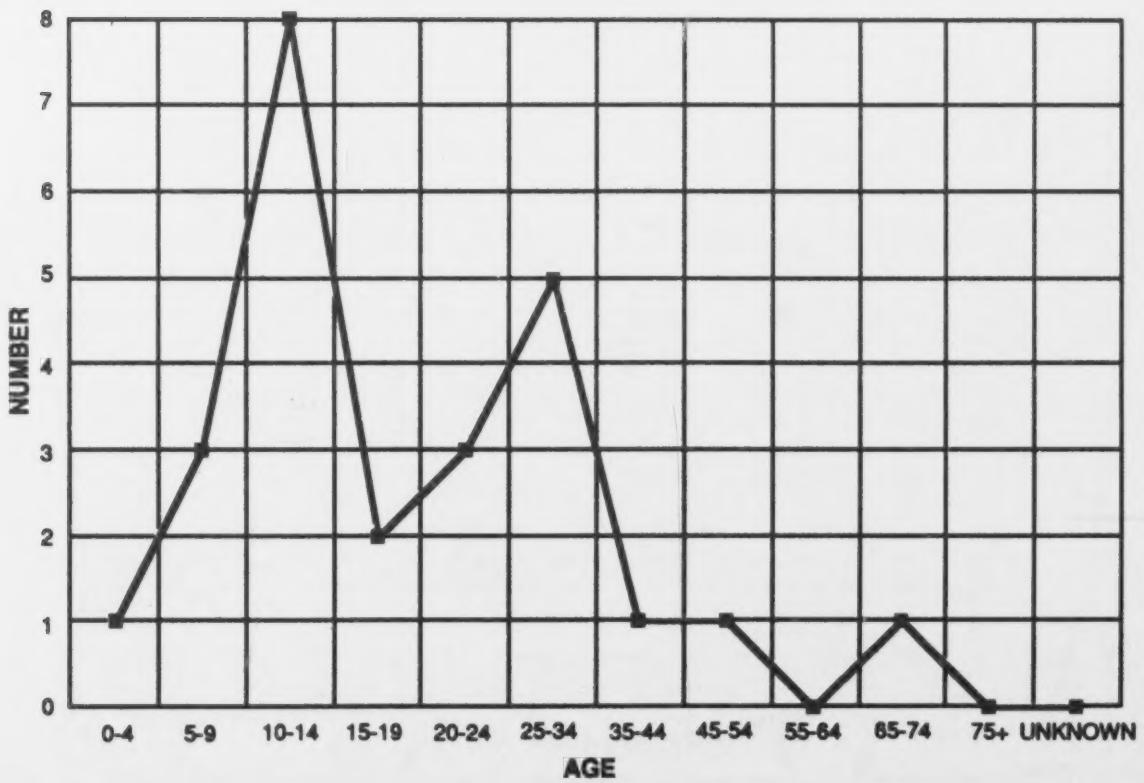
BICYCLE

BICYCLE FACTS: 1968-1989

Year	NUMBER BICYCLE ACCIDENTS				Total Bicyclist Killed	Total Bicyclist Injured
	All Accidents	*Fatal Accidents	Injury Accidents	Property Damage Accidents		
1968	759	35	720	4	38	758
1969	694	27	662	5	31	717
1970	737	29	700	8	30	738
1971	699	27	666	6	28	698
1972	783	32	749	2	32	786
1973	995	24	963	8	25	979
1974	1,295	35	1,254	6	34	1,288
1975	1,132	31	1,087	14	32	1,130
1976	955	31	904	20	31	937
1977	1,056	22	1,020	14	22	1,063
1978	1,062	29	1,024	9	31	1,065
1979	1,000	23	950	27	24	1,058
1980	1,105	32	1,053	20	32	1,123
1981	1,000	28	943	29	28	1,028
1982	1,113	29	1,048	36	27**	1,148
1983	1,082	19	1,021	42	20	1,109
1984	1,170	29	1,110	31	32	1,210
1985	1,052	22	1,025	5	22	1,125
1986	1,191	31	1,147	13	32	1,245
1987	1,136	26	1,094	16	26	1,188
1988	1,122	32	1,074	16	33	1.165
1989	984	25	933	26	25	1,013

*Includes fatalities in auto which resulted from bicycle-auto collisions.
Excludes fatalities in auto which resulted from bicycle-auto collisions.

BICYCLIST KILLED BY AGE — 1989



SEAT BELTS

BELT USE BY INJURY LEVEL AND SEAT POSITION—1989 DATA

Injury Level	Driver		%	Center Front		%	Right Front		%
	Belt	No Belt	Belted	Belt	No Belt	Belted	Belt	No Belt	Belted
O	206,192	19,188	91.5	3,169	1,480	68.2	63,842	6,860	90.3
C	40,479	5,334	88.4	479	359	57.2	13,565	2,510	84.4
B	13,777	4,489	75.4	186	275	40.3	4,287	1,998	68.2
A	5,415	3,114	63.5	47	167	22.0	1,664	1,236	57.4
K	216	447	32.6	3	14	17.6	68	133	33.8
Total	266,079	32,572	298,651	3,884	2,295	6,179	83,426	12,737	96,163
%	89.1%	10.9%		62.9%	37.1%		86.8%	13.2%	

Injury Level	Left Rear		%	Center Rear		%	Right Rear		%
	Belt	No Belt	Belted	Belt	No Belt	Belted	Belt	No Belt	Belted
O	8,566	4,610	65.0	3,024	2,105	59.0	10,735	6,209	63.4
C	1,238	1,238	50.0	337	514	39.6	1,600	1,565	50.6
B	358	550	39.4	110	261	29.6	424	710	37.4
A	120	244	33.0	20	121	14.2	130	330	28.3
K	6	19	24.0	0	8	0	7	30	18.9
Total	10,288	6,661	16,949	3,491	3,009	6,500	12,896	8,844	21,740
%	60.7%	39.3%		53.7%	46.3%		59.3%	40.7%	

Total Number Occupants—446,182

LEGEND:

O—No Injury.

C—Complaint of pain without visible signs of injury or momentary unconsciousness.

B—Other visible injuries such as bruises, swelling, limping or any painful movement.

A—Bleeding members, distorted member or any condition that required victim to be carried from the scene.

K—Killed.

Based on *reportable* accidents only, and excludes those vehicle types for which belt status is not meaningful (i.e., motorcycles, mopeds, bicycles, and pedestrians). Cases where extent of injury or belt usage is unknown or unable to be determined are excluded. "Belt" includes these categories: lap belt, lap and shoulder belt, and child restraint. Information includes data for the period January 1 through December 31, 1989.

Note: Belt use is the use reported by the investigating officer. There is evidence that this *reported* belt use rate exceeds the actual use rate. During 1989, the *observed* driver belt use rate in North Carolina was approximately 60 percent.

BELT USE BY AGE FOR DRIVERS AND ALL OTHER OCCUPANTS

1989

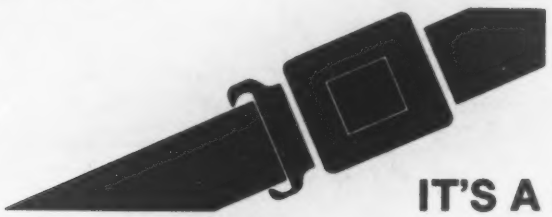
DRIVERS

Age	Belt Used	No Belt Used
Under 15	144 (65.5%)	76 (34.5%)
15-17	18,942 (86.0%)	3,080 (14.0%)
18-21	40,449 (86.4%)	6,388 (13.6%)
22-50	159,545 (89.5%)	18,798 (10.5%)
51-65	30,003 (91.4%)	2,817 (8.6%)
66+	17,046 (92.3%)	1,425 (7.7%)
Total	266,129 (89.1%)	32,584 (10.9%)

PASSENGERS (Non-Drivers)

Age	Belt Used	No Belt Used
Under 15	32,801 (79.2%)	8,633 (20.8%)
15-17	13,104 (68.8%)	5,930 (31.2%)
18-21	15,146 (72.2%)	5,842 (27.8%)
22-50	38,910 (78.4%)	10,719 (21.6%)
51-65	8,005 (85.1%)	1,397 (14.9%)
66+	6,075 (85.5%)	1,034 (14.5%)
Total	114,041 (77.3%)	33,555 (22.7%)

A good idea is now the law ...



IT'S A SNAP!

RESTRAINT USE BY INJURY LEVEL FOR CHILDREN UNDER AGE 2 AND THOSE AGES 2-5

1989 DATA

Children Under Age 2
Covered by Law Requiring Use of Child Restraints Effective July 1, 1982; Also by Newer Law Effective July 1, 1985.

Injury Level	Restraint Used	No Restraint Used
Serious (A+K) Injury	10 (0.3%)[1]	13 (4.4%)
Any Injury	317 (10.4%)	94 (31.5%)
TOTAL	3,039 (91.1%)[2]	298 (8.9%)

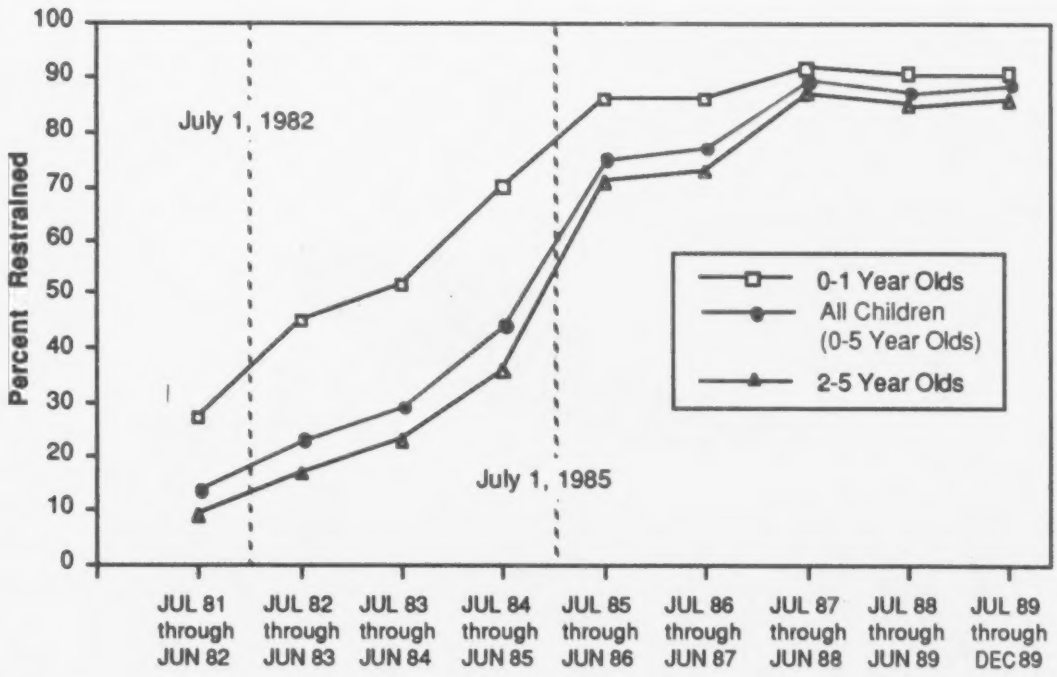
Children Ages 2-5
Covered by Law Requiring Use of Child or Adult Restraints Effective July 1, 1985

Injury Level	Restraint Used	No Restraint Used
Serious (A+K) Injury	107 (0.9%)	123 (6.3%)
Any Injury	1,621 (13.3%)	638 (32.8%)
TOTAL	12,209 (86.3%)	1,943 (13.7%)

[1]Column Percent

[2]Row Percent

RESTRAINT USAGE RATES FOR ACCIDENT-INVOLVED CHILDREN JULY 1981—DECEMBER 1989



SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS

	Page
Type of Accident	23
Comparative Totals	23
Location: Urban-Rural	24
Directional Analysis	24
Age of Casualty	25
Time by Day of Week	25
PEDESTRIAN:	
Actions by Age	26
Drinking Condition	26
Physical Condition	26
Kind of Locality	26
Vehicle Traffic Control	26
Light Condition	26
VEHICLE DATA:	
Type	27
Condition—Defects	27
Most Harmful Event	27
Maneuver	27
Approximate Speed	27
Road Defects	27
Character of Roadway	27
Weather	28
Road Surface Condition	28
Type of Road Surface	28
DRIVER DATA:	
License	28
Violation Indicated	28
Violation Control	28
Drinking Condition	28
Age	28
Sex	28
Physical Condition	28
ACCIDENT CONTROL:	
Drinking	29
Violation	29
Vehicle Defects	29
Roadway Feature	29
Highway Accident Perspective by County	30

NORTH CAROLINA
SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS

STATEWIDE

1. TYPE OF ACCIDENT (First Harmful Event) — Motor Vehicle:		NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
							INJURED			
		Total	Fatal	Nonfatal Injury	Property Damage Only	Total Killed	Total	a	b	c
	1. Ran off road	42,309	535	20,550	21,224	586	28,084	5,523	10,561	12,000
	2. Overturned on road	830	5	502	323	5	661	154	253	254
	3. Other non-collision	446	16	221	209	18	271	74	106	91
COLLISION OF MOTOR VEHICLE WITH:	4. Pedestrian	1,867	180	1,687	0	181	1,826	742	597	487
	5. Motor vehicle in traffic	124,014	511	50,394	73,109	604	87,734	9,144	18,877	59,713
	6. Parked motor vehicle	4,543	15	942	3,586	15	1,303	206	454	643
	7. Railroad train	176	16	88	72	20	119	40	34	45
	8. Bicyclist	984	25	933	26	25	983	271	433	279
	9. Moped	253	7	234	12	7	277	83	120	74
	10. Animal	4,047	0	359	3,688	0	463	44	128	291
	11. Fixed object	1,634	5	544	1,085	5	750	115	251	384
	12. Other object	1,056	2	251	803	2	325	49	86	190
	TOTALS	182,159	1,317	76,705	104,137	1,468	122,796	16,445	31,900	74,451

NOTE: The three categories of injuries follow the Manual of Uniform Definitions of Motor Vehicle Accidents.

a. Bleeding wound, distorted member, or any condition that required victim be carried from the scene.

b. Other visible injuries such as bruises, abrasions, swelling, limping, or other painful movement.

c. Complaint of pain, without visible signs of injury; or momentary unconciousness.

FOR January—December, 1989

This summary includes reports and information available on

April 3, 1990

LEGALLY REPORTABLE ACCIDENTS ARE THOSE INVOLVING DEATH, BODILY INJURY OR PROPERTY DAMAGE OF $500 OR MORE IN THE ACCIDENT.

2A. COMPARATIVE TOTALS (First Harmful Event) — Motor Vehicle:		THIS YEAR TO DATE			SAME PERIOD LAST YEAR			Change Cumulative Death Record
		All Accidents	Persons Killed	Persons Injured	All Accidents	Persons Killed	Persons Injured	
	1. Ran off road	42,309	586	28,084	38,962	645	27,580	- 9%
	2. Overturned on road	830	5	661	847	9	736	- 44%
	3. Other non-collision	446	16	271	401	11	277	+ 64%
COLLISION OF MOTOR VEHICLE WITH:	4. Pedestrian	1,867	181	1,826	1,813	205	1,760	- 12%
	5. Motor vehicle in traffic	124,014	604	87,734	119,542	639	83,042	- 5%
	6. Parked motor vehicle	4,543	15	1,303	4,362	12	1,365	+ 25%
	7. Railroad train	176	20	119	194	16	109	+ 25%
	8. Bicyclist	984	25	983	1,122	32	1,144	- 22%
	9. Moped	253	7	277	259	10	268	- 30%
	10. Animal	4,047	0	463	3,693	1	467	-100%
	11. Fixed object	1,634	5	750	1,291	4	520	+ 25%
	12. Other object	1,056	2	325	793	3	257	- 33%
	TOTALS	182,159	1,468	122,796	173,279	1,587	117,525	- 8%

2B. MILEAGE RATES	This Year to Date	Last Year Same Period	Percent Change
1. Motor vehicle traffic deaths	1,468	1,587	- 7.50%
2. Estimated motor vehicle miles traveled (millions)	60,878	57,784	+ 5.35%
3. Death rate per 100,000,000 vehicle-miles	2.41	2.75	-12.4%
4. Fatal accident rate per 100,000,000 vehicle-miles	2.16	2.45	-11.8%

†1989 Mileage computed at the rate of 15.47 mpg

††1988 Mileage computed at the rate of 14.64 mpg

SUMMARY OF STATEWIDE ACCIDENTS

DATE: January—December, 1989

3. LOCATION			NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
								INJURED			
			Total	Fatal	Nonfatal Injury	Property Damage Only	Total Killed	Total	a	b	c
URBAN	POPULATION	1. 5,000 to 10,000	8,082	23	3,094	4,965	24	4,976	783	1,123	3,070
		2. 10,000 to 25,000	14,521	45	5,586	8,890	47	8,912	1,202	2,248	5,462
		3. 25,000 to 50,000	11,549	37	4,761	6,751	38	7,501	932	1,873	4,696
		4. 50,000 to 100,000	13,613	41	5,924	7,648	48	9,334	863	1,818	6,653
		5. 100,000 to 250,000	45,417	109	17,005	28,303	117	27,152	2,248	5,481	19,423
		TOTAL URBAN	93,182	255	36,370	56,557	274	57,875	6,028	12,543	39,304
RURAL	URBANIZED	1. Under 2,500 pop.	6,039	31	2,275	3,733	35	3,689	702	957	2,030
		2. 2,500 to 5,000 pop.	6,021	33	2,217	3,771	36	3,550	604	948	1,998
		TOTAL URBANIZED RURAL	12,060	64	4,492	7,504	71	7,239	1,306	1,905	4,028
	NONURBANIZED RURAL	3. Interstate	4,496	60	1,860	2,576	70	3,079	491	874	1,714
		4. U. S.	17,463	239	8,180	9,044	270	14,147	2,009	3,970	8,168
		5. N. C.	16,213	227	7,706	8,280	259	13,041	2,033	3,786	7,222
		6. Rural paved	36,680	461	17,268	18,951	512	26,167	4,413	8,349	13,405
		7. Rural unpaved	2,065	11	829	1,225	12	1,248	165	473	610
		TOTAL NONURBANIZED RURAL	76,917	998	35,843	40,076	1,123	57,682	9,111	17,452	31,119
		TOTAL RURAL	88,977	1,062	40,335	47,580	1,194	64,921	10,417	19,357	35,147
		TOTAL URBAN & RURAL	182,159	1,317	76,705	104,137	1,468	122,796	16,445	31,900	74,451

NOTE: The three categories of injuries follow the Manual of Uniform Definitions of Motor Vehicle Accidents.

a. Bleeding wound, distorted member, or any condition that required victim be carried from the scene.

b. Other visible injuries such as bruises, abrasions, swelling, limping, or other painful movement.

c. Complaint of pain, without visible signs of injury; or momentary unconsciousness.

DEFINITION:

URBAN: Cities with 5,000 or more population.

RURAL: Unincorporated areas or cities with less than 5,000 population.

URBANIZED RURAL: Incorporated cities with less than 5,000 population.

NONURBANIZED RURAL: Unincorporated areas.

4. DIRECTIONAL ANALYSIS— *An accident consisting of a series of collisions, overturning, etc., is classified according to the first event on the road.*

4A. TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal Accidents	Injury Accidents	Property Damage Accidents
AT ROAD INTERSECTION	1. Entering at angle	18,514	120	8,986	9,408
	2a. From same direction—both going straight	1,017	1	397	619
	b. Same—one turn, one straight	2,977	0	992	1,985
	c. Same—one stopped	11,097	12	4,815	6,270
	d. Same—all others	1,475	0	648	827
	3a. From opposite direction—both going straight	617	13	326	278
	b. Same—one left turn, one straight	5,235	10	2,269	2,956
	c. Same—all others	12,904	28	4,905	7,971
	4. Not stated	88	0	44	44
	TOTALS	53,924	184	23,382	30,358

4C. PEDESTRIAN ACCIDENTS	All Pedestrian Accidents	FATAL ACCIDENTS			NONFATAL INJURY ACCIDENTS		
		Total	Inter-section	Non-inter-section	Total	Inter-section	Non-inter-section
1. Car going straight	1,547	170	18	152	1,377	256	1,121
2. Car turning right	59	3	2	1	56	42	14
3. Car turning left	60	1	1	0	59	44	15
4. Car backing	51	5	0	5	46	4	42
5. All others	150	1	0	1	149	28	121
TOTALS	1,867	180	21	159	1,687	374	1,313

4B. TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal Accidents	Injury Accidents	Property Damage Accidents
NOT AT ROAD INTERSECTION	1. Going opposite direction—head-on collision	1,813	139	1,196	478
	2. Going opposite direction—sideswipe collision	2,476	14	909	1,553
	3. Going same direction—rear-end collision	29,757	30	13,831	15,896
	4. Going same direction—sideswipe collision	4,470	6	812	3,652
	5. One car parked	5,266	13	909	4,344
	6. One car stopped in traffic	2,101	0	465	1,636
	7. Parking	20	0	0	20
	8. Alley intersection with road	168	1	57	110
	9. Driveway intersection with road	7,216	24	2,587	4,605
	10. All others	21,270	115	7,162	13,993
TOTALS		74,557	342	27,928	46,287

4D. ALL OTHER ACCIDENTS			Total	Fatal Accidents	Injury Accidents	Property Damage Accidents
AT ROAD INTERSECTION	Collision with	1. Non-motor vehicle: train, bicycle, etc.	546	7	520	19
		2. Fixed object in road	307	0	97	210
	3. Overturned in road		183	0	107	76
	4. Left road		4,256	30	1,942	2,284
NOT AT ROAD INTERSECTION	Collision with	5. Non-motor vehicle: train, bicycle, etc.	867	41	735	91
		6. Fixed object in road	1,327	5	447	875
	7. Overturned in road		647	5	395	247
	Left road	8. At curve	17,725	295	9,092	8,338
		9. Straight road	20,251	209	9,479	10,563
10. Fell from moving vehicle			121	11	110	0
11. Driverless moving			2	0	0	2
12. All others			5,579	8	784	4,787
TOTALS			51,811	611	23,708	27,492

SUMMARY OF STATEWIDE ACCIDENTS

DATE: January—December, 1989

5. AGE OF CASUALTY	NUMBER OF PERSONS			NUMBER OF PERSONS KILLED AND INJURED														
				PEDESTRIANS			BICYCLISTS			MOTORCYCLISTS			DRIVERS			PASSENGERS		
	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured
1. 0 to 4	2,337	31	2,306	97	5	92	14	1	13	2	0	2	10	0	10	2,214	25	2,189
2. 5 to 9	3,388	33	3,355	265	18	247	216	3	213	1	0	1	11	0	11	2,895	12	2,883
3. 10 to 14	3,951	38	3,913	179	8	171	249	8	241	65	2	63	69	0	69	3,389	20	3,369
4. 15 to 19	21,681	183	21,498	186	9	177	162	2	160	349	10	339	12,677	99	12,578	8,307	63	8,244
5. 20 to 24	19,821	225	19,596	234	21	213	126	3	123	548	13	535	13,464	134	13,330	5,449	54	5,395
6. 25 to 34	28,042	306	27,736	408	34	374	137	5	132	540	15	525	20,423	197	20,226	6,534	55	6,479
7. 35 to 44	17,820	203	17,617	302	26	276	73	1	72	258	8	250	13,450	141	13,309	3,737	27	3,710
8. 45 to 54	10,105	118	9,987	183	26	157	20	1	19	103	1	102	7,474	68	7,406	2,325	22	2,303
9. 55 to 64	7,024	109	6,915	125	18	107	13	0	13	32	2	30	5,034	64	4,970	1,820	25	1,795
10. 65 to 74	4,770	106	4,664	83	21	62	8	1	7	4	0	4	3,240	60	3,180	1,435	24	1,411
11. 75 & older	2,416	82	2,334	69	14	55	1	0	1	2	0	2	1,458	48	1,410	886	20	866
12. Not stated	2,909	34	2,875	45	3	42	19	0	19	19	0	19	80	0	80	2,746	31	2,715
TOTALS	124,264	1,468	122,796	2,176	203	1,973	1,038	25	1,013	1,923	51	1,872	77,390	811	76,579	41,737	378	41,359

6. TIME		TOTAL		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		SUNDAY	
	Hour beginning	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal
BEFORE NOON	0. Midnight	3,117	44	258	3	252	3	311	3	291	7	424	4	799	15	782	9
	1. 1:00	3,220	53	298	6	227	5	273	4	331	8	400	8	833	11	858	11
	2. 2:00	2,538	35	216	2	182	2	180	2	255	1	304	2	720	16	681	10
	3. 3:00	1,756	30	141	3	113	3	137	3	144	3	221	3	490	7	510	8
	4. 4:00	1,514	33	172	5	132	1	140	2	135	2	176	3	392	11	367	9
	5. 5:00	1,929	25	248	3	234	1	258	2	247	5	255	3	389	7	298	4
	6. 6:00	4,671	52	723	7	850	5	964	10	802	13	680	9	407	3	245	5
	7. 7:00	9,278	49	1,552	17	1,921	7	1,733	1	1,780	7	1,516	6	514	5	262	6
	8. 8:00	8,489	46	1,341	8	1,640	6	1,535	9	1,597	4	1,435	9	632	9	309	1
	9. 9:00	6,397	34	971	7	1,046	5	1,005	4	947	3	1,051	3	884	7	493	5
	10. 10:00	7,262	38	1,092	8	1,040	5	1,093	5	971	4	1,266	3	1,136	8	664	5
	11. 11:00	8,698	40	1,313	4	1,178	9	1,231	4	1,237	7	1,662	6	1,394	4	683	6
AFTER NOON	12. Noon	10,988	57	1,612	6	1,482	7	1,487	12	1,566	10	2,170	11	1,477	6	1,194	5
	13. 1:00	10,443	48	1,516	13	1,418	4	1,387	8	1,462	6	1,944	7	1,584	7	1,132	3
	14. 2:00	11,249	63	1,639	14	1,406	6	1,580	9	1,574	12	2,288	8	1,582	6	1,180	8
	15. 3:00	15,203	84	2,402	9	2,124	7	2,278	11	2,288	12	3,204	22	1,638	10	1,269	13
	16. 4:00	15,887	69	2,495	9	2,265	7	2,329	11	2,517	11	3,363	8	1,621	12	1,297	11
	17. 5:00	15,830	96	2,393	11	2,514	10	2,350	12	2,560	16	3,104	18	1,628	11	1,281	18
	18. 6:00	11,055	70	1,438	11	1,540	7	1,557	11	1,679	10	2,044	10	1,555	8	1,242	13
	19. 7:00	8,290	73	992	10	1,104	4	1,052	9	1,154	4	1,559	16	1,400	17	1,029	13
	20. 8:00	6,817	75	787	10	898	10	848	5	987	14	1,195	10	1,216	16	886	10
	21. 9:00	6,301	65	756	5	864	7	786	2	817	9	1,205	10	1,116	18	757	14
	22. 10:00	5,308	76	566	7	681	9	608	2	716	13	1,165	17	990	15	582	13
	23. 11:00	4,861	56	465	6	532	7	508	11	590	3	1,224	11	1,004	11	538	7
24. Not stated		1,058	6	143	1	122	1	121	0	148	0	175	1	185	0	164	3
TOTALS		182,159	1,317	25,529	185	25,765	138	25,751	152	26,795	184	34,030	208	25,586	240	18,703	210

SUMMARY OF STATEWIDE ACCIDENTS

DATE: January—December, 1989

7. PEDESTRIAN ACTIONS BY AGE	Pedestrians Killed	Ages of Pedestrians Killed and Injured									
		Total	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 44	45 to 64	65 and Older	Not Stated
1. Crossing or entering roadway—at intersection	12	286	1	29	19	21	23	89	67	31	6
2. Same—not at intersection	65	771	49	161	92	54	60	195	85	64	11
3. Coming from behind parked car	3	103	19	35	11	6	5	12	9	3	3
4. Walking in roadway—with traffic	23	204	3	3	14	24	38	84	26	9	3
5. Same—against traffic	9	101	1	1	2	12	17	44	14	9	1
6. Standing in roadway	24	214	1	2	6	23	34	93	33	18	4
7. Going to or from stopped school bus	0	1	0	0	0	1	0	0	0	0	0
8. Getting on or off vehicle	0	28	0	3	1	5	3	8	6	2	0
9. Working in roadway	1	41	0	0	0	4	7	17	8	2	3
10. Playing in roadway	0	42	11	12	14	2	2	1	0	0	0
11. Lying in roadway	30	49	0	0	0	5	5	28	9	2	0
12. Other in roadway	24	186	11	14	9	18	19	82	21	6	6
13. Not in roadway	12	148	1	4	9	10	21	53	29	6	15
TOTAL PEDESTRIANS	203	2,174	97	264	177	185	234	706	307	152	52

8. PEDESTRIAN DRINKING CONDITION	All Accidents	Fatal Accidents	Injury Accidents
1. Had not been drinking	1,161	63	1,098
2. Drinking—ability impaired	253	25	228
3. Drinking—ability impairment not known	206	23	183
4. Unable to determine	133	55	78
5. Not stated	421	37	384
TOTAL PEDESTRIANS	2,174	203	1,971

9. PEDESTRIAN PHYSICAL CONDITION			
1. Normal	1,229	55	1,174
2. Ill	2	0	2
3. Fatigued	7	0	7
4. Asleep	4	2	2
5. Other physical impairment	234	16	218
6. Condition not known	279	93	186
7. Not stated	419	37	382
TOTAL PEDESTRIANS	2,174	203	1,971

10. KIND OF LOCALITY			
1. Open country	51,789	758	24,000
2. Residential	50,647	333	21,465
3. Commercial	74,712	204	29,327
4. Institutional	2,768	9	1,026
5. Industrial	1,930	12	775
6. Not stated	313	1	112
TOTAL ACCIDENTS	182,159	1,317	76,705

11. VEHICLE TRAFFIC CONTROL	INTERSECTION			NON-INTERSECTION		
	All Accidents	Fatal Accidents	Injury Accidents	All Accidents	Fatal Accidents	Injury Accidents
1. Stop sign	21,320	125	9,654	3,300	18	1,235
2. Yield sign	992	2	410	663	0	241
3. Stop-and-go signal	20,021	38	8,566	6,214	5	2,506
4. Flashing signal—with stop sign	965	6	495	119	0	44
5. Flashing signal—without stop sign	740	2	345	158	2	69
6. Railroad gate and flasher	15	0	6	104	6	21
7. Railroad flasher	15	0	6	80	3	36
8. Human control—hand signal	206	0	92	646	3	296
9. Other	246	1	114	867	16	384
TOTAL TRAFFIC CONTROLS	44,520	174	19,688	12,151	53	4,832
1. Accidents—controls operating properly	34,969	109	15,448	9,192	30	3,637
2. Accidents—controls not operating properly	9,001	62	4,015	2,756	23	1,109
3. Accidents—controls not visible	550	3	225	203	0	86
4. Accidents—no controls	15,396	71	6,844	110,092	1,019	45,341
TOTAL ACCIDENTS	59,916	245	26,532	122,243	1,072	50,173

12. LIGHT CONDITION			
1. Daylight	125,575	672	52,088
2. Dusk	5,376	33	2,285
3. Dawn	2,731	22	1,165
4. Darkness—street or highway lighted	19,856	101	8,346
5. Darkness—street or highway not lighted	28,136	486	12,673
6. Not stated	485	3	148
TOTAL ACCIDENTS	182,159	1,317	76,705

SUMMARY OF STATEWIDE ACCIDENTS

DATE: January—December, 1989

13. TYPE OF VEHICLE (Including cars in proper parking location)	All Accidents	Fatal Accidents	Injury Accidents
1. Passenger car	243,515	1,288	104,849
2. Passenger car and trailer	268	5	75
3. Taxicab	675	2	314
4. Truck—2 axles	60,976	448	24,623
5. Truck—3 axles	1,400	27	530
6. Truck tractor and semi-trailer	6,665	145	2,462
7. Truck and trailer	1,198	14	394
8. Truck tractor (Bobtail)	320	4	121
9. School bus	770	5	293
10. Activity bus	122	0	49
11. Commercial bus	295	3	124
12. Farm tractor and/or farm equip.	350	4	160
13. Motor scooter or motor bicycle	13	0	11
14. Moped	257	6	243
15. Motorcycle	1,867	51	1,660
16. Other	393	7	151
17. Not stated	3,929	17	1,091
TOTAL VEHICLES	323,013	2,026	137,150
Special vehicles included above:			
18. Emergency (including privately owned)	86	4	33
19. Military vehicles	4,606	23	1,807
20. Other publicly owned vehicles	2,743	11	1,263

14. CONDITION OF MOTOR VEHICLE (Includes all known defects, whether or not violation of driver was responsible)			
1. Defective brakes	2,743	11	1,263
2. Improper or defective headlights	100	3	59
3. Improper or defective rear lights	431	3	147
4. Steering mechanism defective	331	1	155
5. Defective tires	2,288	56	1,182
6. Other defects	966	9	378
TOTAL DEFECTS	6,859	83	3,184
7. Vehicles—with defects	6,859	83	3,184
8. Vehicles—no defects detected	249,952	1,501	106,602
9. Vehicles—not known if defective	62,028	435	25,970
10. Not stated	4,174	7	1,394
TOTAL VEHICLES	323,013	2,026	137,150

15. MOST HARMFUL EVENT IN ACCIDENT (Per Vehicle)	All Accidents	Fatal Accidents	Injury Accidents
1. Ran off road	295	3	140
2. Overturned on road	11,028	196	6,605
3. Other non-collision	670	19	319
Collision of Motor Vehicle With:			
4. Pedestrian	1,971	203	1,760
5. Parked motor vehicle	8,790	39	1,894
6. Railroad train	186	16	90
7. Bicyclist	1,000	25	947
8. Moped	528	16	473
9. Animal	4,063	0	356
10. Fixed object	31,609	266	14,247
11. Other object	1,459	2	390
Multiple Vehicle Collision:			
12. Rear end	93,842	91	45,411
13. Head on	5,182	383	3,423
14. Sideswipe	17,865	51	4,609
15. Angle	68,247	583	29,780
16. Other	76,278	133	26,706
TOTAL VEHICLES	323,013	2,026	137,150

16. VEHICLE MANEUVER (Before Accident)			
1. Going straight ahead	191,102	1,758	85,086
2. Changing lanes or merging	7,842	12	1,928
3. Passing	4,623	46	1,666
4. Making right turn	9,296	8	2,743
5. Making left turn	32,091	71	12,529
6. Making U-turn	993	3	355
7. Backing	4,962	8	793
8. Slowing or stopping	23,359	27	10,242
9. Starting in roadway	6,653	20	2,402
10. Parking	142	0	15
11. Leaving parked position	1,169	5	255
12. Stopped in travel lane	36,685	38	17,771
13. Parked out of travel lanes	1	0	0
14. Parked in travel lanes	1,897	14	518
15. Avoiding object in road	949	3	428
16. All others	1,249	13	419
TOTAL VEHICLES	323,013	2,026	137,150

17. APPROXIMATE SPEED (Preceding Accident)	All Accidents	Fatal Accidents	Injury Accidents
1. 0— 9 miles per hour	24,501	49	8,148
2. 10—19 miles per hour	35,706	80	12,880
3. 20—29 miles per hour	39,299	59	14,358
4. 30—39 miles per hour	74,251	209	31,269
5. 40—49 miles per hour	53,523	379	25,073
6. 50—59 miles per hour	39,808	688	19,403
7. 60—69 miles per hour	8,755	194	4,754
8. 70 miles per hour and over	3,944	255	2,295
9. Not stated	43,226	113	18,970
TOTAL VEHICLES	323,013	2,026	137,150

18. ROAD DEFECTS			
1. Loose material on surface	1,999	13	854
2. Holes, ruts	375	1	143
3. Low shoulders	694	16	333
4. Soft shoulders	880	17	386
5. Other defects	553	9	228
6. Road under construction or repair	3,245	16	1,276
TOTAL DEFECTS	7,746	72	3,220
7. Accidents—road defects	7,746	72	3,220
8. Accidents—no road defects	174,089	1,245	73,360
9. Accidents—not stated	324	0	125
TOTAL ACCIDENTS	182,159	1,317	76,705

19. CHARACTER OF ROADWAY			
1. Straight road—level	106,206	589	43,541
2. Straight road—hillcrest	8,978	48	3,802
3. Straight road—on grade	30,155	205	12,341
4. Straight—bottom (sag)	3,452	20	1,493
5. Curve—level	16,249	250	7,704
6. Curve—hillcrest	2,343	30	1,058
7. Curve—grade	13,056	154	5,995
8. Curve—bottom (sag)	1,285	20	609
9. Not stated	435	1	162
TOTAL ACCIDENTS	182,159	1,317	76,705

SUMMARY OF STATEWIDE ACCIDENTS

DATE: January—December, 1989

20. WEATHER	All Accidents	Fatal Accidents	Injury Accidents
1. Clear	105,448	795	45,102
2. Cloudy	32,273	263	13,676
3. Raining	34,099	199	14,343
4. Snowing	3,483	12	1,053
5. Fog, smog, smoke, dust	1,992	28	869
6. Sleet or hail	4,345	17	1,481
7. Not stated	519	3	181
TOTAL ACCIDENTS	182,159	1,317	76,705

21. ROAD SURFACE CONDITION			
1. Dry	124,876	998	53,638
2. Wet	44,211	276	18,733
3. Muddy	151	1	59
4. Snowy	2,617	6	763
5. Icy	9,709	35	3,306
6. Other	133	1	54
7. Not stated	462	0	152
TOTAL ACCIDENTS	182,159	1,317	76,705

22. TYPE OF ROAD SURFACE			
1. Concrete	6,728	40	2,720
2. Grooved concrete	1,305	8	520
3. Blacktop	170,419	1,247	72,051
4. Gravel	1,942	11	721
5. Dirt or sand	1,217	8	513
6. Other	250	3	78
7. Not stated	298	0	102
TOTAL ACCIDENTS	182,159	1,317	76,705

23. LICENSE OF DRIVER			
1. Licensed in state	267,772	1,578	115,184
2. Resident—no license	12,177	160	6,032
3. Nonresident—licensed in other state	27,155	208	11,086
4. Nonresident—no license	0	0	0
5. Not stated	1,851	19	823
TOTAL DRIVERS	308,955	1,965	133,125

24. DRIVING VIOLATIONS INDICATED	All Accidents	Fatal Accidents	Injury Accidents
1. Exceeding speed limit	7,670	304	4,641
2. Exceeding safe speed	48,382	421	23,780
3. Failed to yield	17,373	110	7,710
4. Alcohol or drug related	12,711	334	7,972
5. Disregarded stop sign	4,976	62	2,715
6. Disregarded traffic signal	6,205	21	3,096
7. Below minimum speed	138	4	64
8. Passed stopped school bus	37	0	23
9. Passing on hill	89	1	47
10. Passing on curve	136	3	59
11. Other improper passing	2,543	22	829
12. Improper lane use	4,021	19	1,143
13. Improper turn	3,546	7	1,212
14. Improper or no signal	659	0	222
15. Improper equipment	4,378	47	2,097
16. Safe movement violation	49,577	101	18,198
17. Reckless driving	3,095	47	1,900
18. Driving left of center	13,586	402	7,409
19. Following too closely	11,547	7	4,884
20. Improper backing	1,893	3	253
21. Improper parking	234	1	73
22. Other improper driving	11,356	151	5,241
TOTAL VIOLATIONS	204,152	2,067	93,568

25. VIOLATION CONTROL			
1. Drivers in violation	165,726	1,162	71,792
2. Drivers not in violation	138,503	772	58,906
3. Drivers violation unknown or not stated	4,726	31	2,427
TOTAL DRIVERS	308,955	1,965	133,125

26. DRIVER DRINKING CONDITION			
1. Had not been drinking	286,719	1,255	121,104
2. Drinking—ability impaired	10,081	191	6,425
3. Drinking—ability impairment not known	4,632	130	2,590
4. Unable to determine	5,342	376	2,123
5. Not stated	2,181	13	883
TOTAL DRIVERS	308,955	1,965	133,125

27. AGE OF DRIVER	All Accidents	Fatal Accidents	Injury Accidents
1. 15 and younger	765	8	393
2. 16	10,657	43	4,833
3. 17	11,681	33	5,089
4. 18—19	25,931	165	11,475
5. 20 thru 24	52,791	334	22,871
6. 25 thru 34	80,290	499	34,570
7. 35 thru 44	53,139	352	22,727
8. 45 thru 54	29,901	213	12,959
9. 55 thru 64	21,429	145	9,016
10. 65 thru 74	14,359	105	5,958
11. 75 and older	6,640	63	2,770
12. Not stated	1,372	5	464
TOTAL DRIVERS	308,955	1,965	133,125

28. SEX OF DRIVER			
1. Male	185,181	1,444	77,682
2. Female	121,136	515	54,694
3. Not stated	2,638	6	749
TOTAL DRIVERS	308,955	1,965	133,125

29. DRIVER PHYSICAL CONDITION			
1. Normal	290,609	1,269	123,260
2. Ill	366	2	244
3. Fatigued	1,088	9	623
4. Asleep	1,702	11	987
5. Impairment due to medicine or drugs	4,173	82	2,650
6. Other physical impairment	2,547	30	1,594
7. Restriction on license not complied with	120	1	67
8. Condition not known	6,562	547	3,003
9. Not stated	1,788	14	697
TOTAL DRIVERS	308,955	1,965	133,125

SUMMARY OF STATEWIDE ACCIDENTS

DATE: January—December, 1989

30. ACCIDENT CONTROL	All Accidents	Fatal Accidents	Injury Accidents	PERSONS Killed	PERSONS Injured
30A. DRINKING CONDITION					
1. Accidents—alcohol related	14,493	318	8,883	371	14,602
2. Accidents—not alcohol related	160,881	644	65,136	694	103,807
3. Accidents—officer unable to determine	4,885	344	1,921	390	3,159
4. Accidents—information not stated	1,900	11	765	13	1,228
TOTAL ACCIDENTS	182,159	1,317	76,705	1,468	122,796
30B. VIOLATION					
5. Accidents—speeding violation	51,317	584	25,645	672	41,176
6. Accidents—other violation	97,775	488	39,342	540	65,841
7. Accidents—not involving a violation	31,259	228	10,792	239	14,431
8. Accidents—violation information not stated	1,808	17	926	17	1,348
TOTAL ACCIDENTS	182,159	1,317	76,705	1,468	122,796
30C. VEHICLE DEFECTS					
9. Accidents—involving vehicle defects	6,209	77	2,950	83	4,855
10. Accidents—no vehicle defects detected	141,144	941	58,857	1,047	93,779
11. Accidents--not known if defective	33,221	296	14,283	335	23,182
12. Accidents—information not stated	1,585	3	615	3	980
TOTAL ACCIDENTS	182,159	1,317	76,705	1,468	122,796

31. ROADWAY FEATURE	All Accidents	Fatal Accidents	Injury Accidents
1. Bridge	4,166	56	1,756
2. Underpass	470	6	188
3. Driveway, public	7,671	28	2,998
4. Driveway, private	6,206	54	2,641
5. Alley intersection	287	1	108
6. Intersection of roadways	59,916	245	26,532
7. Non-intersection median crossing	1,101	4	457
8. End or beginning of divided highway	360	2	128
9. Interchange ramp	2,172	6	802
10. Interchange service road	135	1	53
11. Railroad crossing	645	17	251
12. Tunnel	18	0	10
13. Other	2,538	13	926
14. No special feature	96,072	884	39,705
15. Not stated	402	0	150
TOTAL ACCIDENTS	182,159	1,317	76,705

HIGHWAY ACCIDENT PERSPECTIVE

County Data—January-December, 1989

COUNTIES	ACCIDENTS				ALL PERSONS		BICYCLIST		PEDESTRIAN		M-CYCLIST		VIOLATION CAUSING ACCIDENTS			
	TOTAL	Fatal	Non Fatal Injury	Property Damage Only	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Alcohol or Drug Related	Exceeding Legal Speed	Unsafe Movement	Yield
Alamance	2770	18	1307	1445	2065	19	12	0	38	3	26	0	204	744	927	283
Alexander	535	13	245	277	391	15	1	1	4	1	7	1	68	223	146	53
Alleghany	222	0	78	144	110	0	0	0	2	0	4	0	25	94	30	15
Anson	613	8	244	361	455	9	1	0	13	0	12	0	53	194	145	13
Ashe	450	1	123	326	187	1	0	0	0	0	6	0	34	166	102	39
Avery	412	3	147	262	235	3	0	0	4	1	2	0	34	118	88	17
Beaufort	922	7	397	518	652	8	14	0	13	2	5	0	61	246	181	73
Bertie	378	4	195	179	317	4	5	0	5	0	1	0	38	125	72	12
Bladen	637	12	308	317	539	13	4	1	5	2	6	0	53	236	99	63
Brunswick	952	13	487	452	905	13	4	1	7	2	17	0	115	359	150	129
Buncombe	4332	29	2112	2191	3265	38	16	0	62	2	70	2	330	1438	1227	299
Burke	2137	10	970	1157	1533	11	6	0	13	1	21	0	169	784	597	125
Cabarrus	2473	16	1102	1355	1706	17	14	0	29	1	19	0	161	647	706	270
Caldwell	1940	14	824	1102	1324	15	4	0	23	4	15	0	177	679	504	145
Camden	106	0	56	50	87	0	0	0	2	0	1	0	16	42	12	9
Carteret	1190	12	503	675	809	12	6	1	16	2	31	1	145	359	268	96
Caswell	414	5	182	227	263	5	0	0	6	0	6	0	51	163	59	27
Catawba	4091	28	1646	2417	2636	29	13	1	22	1	29	3	283	1242	1249	431
Chatham	1006	17	411	578	645	21	7	0	6	0	11	0	67	410	142	76
Cherokee	413	4	181	228	281	4	2	1	0	0	4	0	37	163	49	47
Chowan	216	2	104	110	152	2	4	0	0	1	0	0	18	82	64	10
Clay	139	1	61	77	105	1	0	0	0	0	0	0	16	62	9	15
Cleveland	2216	8	967	1241	1587	8	10	0	24	2	30	0	165	606	560	219
Columbus	1239	14	664	561	1142	14	8	1	14	1	20	0	109	358	287	125
Craven	1609	10	766	833	1283	11	20	0	15	1	22	1	132	404	535	153
Cumberland	6762	34	2877	3851	4508	35	51	1	116	5	120	2	545	2604	1923	701
Currituck	418	9	189	220	353	9	1	1	5	0	4	0	32	166	40	28
Dare	682	7	245	430	408	9	7	0	14	2	3	0	56	217	233	23
Davidson	3174	32	1429	1713	2241	36	22	1	38	1	29	2	252	1070	747	375
Davie	562	4	254	304	389	5	0	0	3	0	12	0	43	249	110	26
Duplin	943	17	442	484	696	18	3	2	11	1	14	0	102	381	184	86
Durham	5574	20	2210	3344	3355	25	39	1	85	4	25	1	287	1361	1979	262
Edgecombe	1279	9	547	723	872	9	18	0	20	4	4	0	96	368	323	60
Forsyth	7818	21	3156	4641	4762	22	40	0	129	8	74	1	408	2703	1605	950
Franklin	713	12	326	375	529	12	0	0	9	3	10	0	84	278	206	33
Gaston	5693	23	2469	3201	3976	29	22	1	40	3	53	1	424	1784	1696	610
Gates	207	7	99	101	183	7	0	0	1	1	0	0	28	71	21	16
Graham	130	3	59	68	108	3	0	0	2	1	8	0	11	46	27	5
Granville	986	19	371	596	567	20	3	0	11	3	12	1	89	318	217	48
Greene	312	2	141	169	205	2	1	0	3	0	2	0	37	131	54	36
Guilford	12882	56	5343	7483	8455	60	89	3	177	13	99	4	680	3819	3393	2045
Halifax	1306	19	520	767	847	21	8	0	16	2	6	0	96	354	373	103
Harnett	1714	27	846	841	1398	31	8	1	19	3	36	2	174	672	382	193
Haywood	1009	5	398	606	632	5	1	0	9	0	15	0	76	425	168	89
Henderson	1846	17	824	1005	1243	18	6	0	14	0	19	1	163	735	347	175
Hertford	490	7	221	262	398	8	7	0	9	2	3	0	63	186	132	48
Hoke	518	8	234	276	416	9	3	1	9	1	3	1	60	212	102	52
Hyde	87	2	39	46	69	2	0	0	2	0	0	0	14	37	6	10
Iredell	2573	27	1007	1539	1618	35	13	0	24	3	25	0	185	898	704	224
Jackson	535	8	193	334	271	8	0	0	3	1	6	0	43	227	87	77

HIGHWAY ACCIDENT PERSPECTIVE (Continued)

COUNTIES	ACCIDENTS				ALL PERSONS		BICYCLIST		PEDESTRIAN		M-CYCLIST		VIOLATION CAUSING ACCIDENTS			
	TOTAL	Fatal	Non Fatal Injury	Property Damage Only	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Alcohol or Drug Related	Exceeding Legal Speed	Unsafe Movement	Yield
Johnston	2133	30	978	1125	1621	34	5	1	16	6	13	1	185	790	537	205
Jones	214	1	98	115	173	1	0	0	3	0	2	0	18	71	19	13
Lee	1093	11	377	705	630	11	1	0	4	3	13	0	78	296	383	79
Lenoir	1586	15	642	929	1059	20	15	1	22	4	16	0	120	429	360	217
Lincoln	1114	13	440	661	693	15	3	0	4	0	8	0	125	359	178	143
Macon	374	2	178	194	256	2	3	0	0	0	11	0	37	173	46	32
Madison	353	3	152	198	246	3	0	0	1	0	5	0	32	124	54	13
Martin	656	10	311	335	525	13	4	0	12	2	7	1	56	221	139	52
McDowell	1186	9	494	683	770	9	2	0	2	2	19	0	64	435	192	118
Mecklenburg	21763	70	8477	13216	14110	76	52	0	151	20	108	0	808	3560	8800	1497
Mitchell	255	3	113	139	192	4	1	0	1	1	1	0	23	104	59	36
Montgomery	553	5	234	314	371	7	0	0	5	0	1	0	45	210	110	16
Moore	1159	16	447	696	728	19	2	0	8	0	11	1	94	414	317	94
Nash	2184	22	907	1255	1497	25	18	0	17	3	16	0	147	482	639	154
New Hanover	3842	19	1662	2161	2682	19	43	1	47	5	38	3	214	1138	863	594
Northampton	397	1	209	187	349	1	0	0	8	1	1	0	51	191	67	20
Onslow	3246	21	1372	1853	2133	21	20	1	38	6	100	3	314	1215	646	282
Orange	2183	9	790	1384	1156	9	29	0	26	1	23	1	148	754	632	169
Pamlico	149	2	76	71	133	2	0	0	0	1	0	0	17	52	41	10
Pasquotank	645	5	285	355	452	6	9	0	6	3	8	0	48	169	182	72
Pender	624	9	283	332	466	10	3	0	6	2	7	0	64	224	86	51
Perquimans	217	1	105	111	164	1	1	0	1	0	1	0	23	87	28	12
Person	680	7	289	384	424	7	1	0	3	2	8	1	70	181	248	42
Pitt	2970	26	1233	1711	1948	30	44	0	32	3	23	0	171	660	1039	196
Polk	265	3	128	134	210	3	0	0	3	0	6	0	26	125	49	19
Randolph	2411	29	1105	1277	1749	34	3	0	17	1	42	2	198	921	676	164
Richmond	1192	20	542	630	961	21	5	0	16	3	20	0	123	447	348	106
Robeson	2861	45	1320	1496	2204	46	24	1	43	7	34	4	253	919	780	211
Rockingham	1964	13	870	1081	1372	13	9	0	18	1	28	0	187	587	644	117
Rowan	2455	27	1061	1367	1716	29	14	0	17	1	24	0	166	754	594	234
Rutherford	1313	16	637	660	1026	21	7	0	16	1	6	0	110	526	318	166
Sampson	1168	14	540	614	940	18	6	0	11	3	11	0	99	435	204	111
Scotland	771	7	375	389	624	10	17	0	11	2	6	0	71	209	146	95
Stanly	1154	12	550	592	884	13	9	0	13	1	20	1	97	379	277	89
Stokes	563	5	262	296	416	7	3	0	4	0	12	0	58	280	86	23
Surry	1639	17	649	973	1056	20	7	0	5	3	19	2	145	583	377	259
Swain	136	1	60	75	96	1	0	0	0	0	2	0	22	64	15	11
Transylvania	559	1	209	349	329	1	0	1	5	0	12	0	36	177	127	43
Tyrrell	78	0	28	50	49	0	0	0	1	0	0	0	11	34	9	5
Union	2231	16	908	1307	1399	18	10	0	18	3	25	0	167	615	523	273
Vance	1089	10	430	649	677	13	4	0	20	0	13	0	96	323	377	36
Wake	13527	45	4992	8490	7732	51	87	0	150	9	116	1	693	4099	3462	1596
Warren	238	6	114	118	194	8	1	0	0	2	1	2	32	117	40	9
Washington	290	2	135	153	232	2	2	0	3	1	4	0	22	96	67	38
Watauga	1105	7	351	747	554	8	0	0	4	2	14	1	64	535	276	49
Wayne	2216	27	1013	1176	1613	29	23	0	35	4	20	1	165	743	551	250
Wilkes	1407	15	562	830	832	19	3	0	11	2	16	1	109	510	325	121
Wilson	1504	16	881	607	1451	17	28	0	41	4	23	1	115	469	234	134
Yadkin	617	6	225	386	378	6	2	0	4	0	10	0	63	232	127	59
Yancey	205	3	87	115	151	4	0	0	2	0	1	0	22	98	13	19
TOTAL	182159	1317	76705	104137	122796	1468	1013	25	1973	203	1872	51	12711	56052	49577	17373

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS

Page

Type of Accident 35
Comparative Totals 35
Location 36
Directional Analysis 36
Age of Casualty 37
Time by Day of Week 37

PEDESTRIAN:
- Actions by Age 38
- Drinking Condition 38
- Physical Condition 38

Kind of Locality 38
Vehicle Traffic Control 38
Light Condition 38

VEHICLE DATA:
- Type 39
- Condition—Defects 39
- Most Harmful Event 39
- Maneuver 39
- Approximate Speed 39

Road Defects 39
Character of Roadway 39
Weather 40
Road Surface Condition 40
Type of Road Surface 40

DRIVER DATA:
- License 40
- Violation Indicated 40
- Violation Control 40
- Drinking Condition 40
- Age 40
- Sex 40
- Physical Condition 40

ACCIDENT CONTROL:
- Drinking 41
- Violation 41
- Vehicle Defects 41

Roadway Feature 41

COUNTY ACCIDENT SUMMARY:
- Rural 42
- Nonurbanized Rural 43

NORTH CAROLINA

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS

RURAL

1. TYPE OF ACCIDENT (First Harmful Event) Motor Vehicle:		NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
							INJURED			
		Total	Fatal	Nonfatal Injury	Property Damage Only	Total Killed	Total	a	b	c
	1. Ran off road	33,341	483	16,741	16,117	529	22,999	4,441	8,604	9,954
	2. Overturned on road	516	4	317	195	4	405	89	165	151
	3. Other non-collision	282	11	131	140	13	165	45	63	57
COLLISION OF MOTOR VEHICLE WITH:	4. Pedestrian	760	113	647	0	113	723	332	217	174
	5. Motor vehicle in traffic	47,094	404	20,919	25,771	486	38,551	5,094	9,613	23,844
	6. Parked motor vehicle	1,212	9	349	854	9	529	96	172	261
	7. Railroad train	110	9	61	40	11	83	30	24	29
	8. Bicyclist	369	19	338	12	19	358	119	153	86
	9. Moped	99	4	91	4	4	109	35	51	23
	10. Animal	3,878	0	340	3,538	0	440	43	124	273
	11. Fixed object	629	4	215	410	4	316	53	108	155
	12. Other object	687	2	186	499	2	243	40	63	140
	TOTALS	88,977	1,062	40,335	47,580	1,194	64,921	10,417	19,357	35,147

NOTE: The three categories of injuries follow the Manual of Uniform Definitions of Motor Vehicle Accidents.

a. Bleeding wound, distorted member, or any condition that required victim be carried from the scene.

b. Other visible injuries such as bruises, abrasions, swelling, limping, or other painful movement.

c. Complaint of pain, without visible signs of injury; or momentary unconciousness.

FOR January—December, 1989

This summary includes reports and information available on

April 3, 1990

LEGALLY REPORTABLE ACCIDENTS ARE THOSE INVOLVING DEATH, BODILY INJURY OR PROPERTY DAMAGE OF $500 OR MORE IN THE ACCIDENT.

DEFINITION:

RURAL: Unincorporated areas or cities with less than 5,000 population.

2. COMPARATIVE TOTALS (First Harmful Event) Motor Vehicle:		THIS YEAR TO DATE			SAME PERIOD LAST YEAR			Change Cumulative Death Record
		All Accidents	Persons Killed	Persons Injured	All Accidents	Persons Killed	Persons Injured	
	1. Ran off road	33,341	529	22,999	30,798	583	22,706	- 9%
	2. Overturned on road	516	4	405	523	7	458	- 43%
	3. Other non-collision	282	13	165	272	11	182	+ 18%
COLLISION OF MOTOR VEHICLE WITH:	4. Pedestrian	760	113	723	738	140	672	- 19%
	5. Motor vehicle in traffic	47,094	486	38,551	45,510	550	36,736	- 12%
	6. Parked motor vehicle	1,212	9	529	1,102	10	544	- 10%
	7. Railroad train	110	11	83	117	13	65	- 15%
	8. Bicyclist	369	19	358	426	26	428	- 27%
	9. Moped	99	4	109	90	7	88	- 43%
	10. Animal	3,878	0	440	3,536	1	421	- 100%
	11. Fixed object	629	4	316	519	2	221	+ 100%
	12. Other object	687	2	243	461	2	168	------
	TOTALS	88,977	1,194	64,921	84,092	1,352	62,689	- 12%

SUMMARY OF RURAL ACCIDENTS

DATE: January—December, 1989

3. LOCATION		NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
							INJURED			
		Total	Fatal	Nonfatal Injury	Property Damage Only	Total Killed	Total	a	b	c
URBANIZED	1. Under 2,500 pop.	6,039	31	2,275	3,733	35	3,689	702	957	2,030
	2. 2,500 to 5,000 pop.	6,021	33	2,217	3,771	36	3,550	604	948	1,998
	TOTAL URBANIZED RURAL	12,060	64	4,492	7,504	71	7,239	1,306	1,905	4,028
NONURBANIZED	3. Interstate	4,496	60	1,860	2,576	70	3,079	491	874	1,714
	4. U. S.	17,463	239	8,180	9,044	270	14,147	2,009	3,970	8,168
	5. N. C.	16,213	227	7,706	8,280	259	13,041	2,033	3,786	7,222
	6. Rural paved	36,680	461	17,268	18,951	512	26,167	4,413	8,349	13,405
	7. Rural unpaved	2,065	11	829	1,225	12	1,248	165	473	610
	TOTAL NONURBANIZED RURAL	76,917	998	35,843	40,076	1,123	57,682	9,111	17,452	31,119
	TOTAL RURAL	88,977	1,062	40,335	47,580	1,194	64,921	10,417	19,357	35,147

NOTE: The three categories of injuries follow the Manual of Uniform Definitions of Motor Vehicle Accidents.

a. Bleeding wound, distorted member, or any condition that required victim be carried from the scene.

b. Other visible injuries such as bruises, abrasions, swelling, limping, or other painful movement.

c. Complaint of pain, without visible signs of injury; or momentary unconsciousness.

DEFINITION:

RURAL: Unincorporated areas or cities with less than 5,000 population.

URBANIZED RURAL: Incorporated cities with less than 5,000 population.

NONURBANIZED RURAL: Unincorporated areas.

4. DIRECTIONAL ANALYSIS—*An accident consisting of a series of collisions, overturning, etc., is classified according to the first event on the road.*

4A. TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal Accidents	Injury Accidents	Property Damage Accidents
AT ROAD INTERSECTION	1. Entering at angle	6,497	86	3,336	3,075
	2a. From same direction—both going straight	346	1	131	214
	b. Same—one turn, one straight	1,013	0	389	624
	c. Same—one stopped	4,143	9	1,916	2,218
	d. Same—all others	537	0	256	281
	3a. From opposite direction—both going straight	271	10	148	113
	b. Same—one left turn, one straight	1,917	5	916	996
	c. Same—all others	3,789	17	1,514	2,258
	4. Not stated	36	0	17	19
	TOTALS	18,549	128	8,623	9,798

4C. PEDESTRIAN ACCIDENTS	All Pedestrian Accidents	FATAL ACCIDENTS			NONFATAL INJURY ACCIDENTS		
		Total	Inter-section	Non-inter-section	Total	Inter-section	Non-inter-section
1. Car going straight	671	111	8	103	560	65	495
2. Car turning right	5	2	1	1	3	0	3
3. Car turning left	9	0	0	0	9	7	2
4. Car backing	15	0	0	0	15	1	14
5. All others	60	0	0	0	60	8	52
TOTALS	760	113	9	104	647	81	566

4B. TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal Accidents	Injury Accidents	Property Damage Accidents
NOT AT ROAD INTERSECTION	1. Going opposite direction—head-on collision	1,257	123	822	312
	2. Going opposite direction—sideswipe collision	1,758	12	678	1,068
	3. Going same direction—rear-end collision	11,338	23	5,673	5,642
	4. Going same direction—sideswipe collision	1,216	5	280	931
	5. One car parked	1,331	8	330	993
	6. One car stopped in traffic	727	0	159	568
	7. Parking	7	0	0	7
	8. Alley intersection with road	55	0	17	38
	9. Driveway intersection with road	4,217	22	1,651	2,544
	10. All others	7,820	92	3,020	4,708
	TOTALS	29,726	285	12,630	16,811

4D. ALL OTHER ACCIDENTS			Total	Fatal Accidents	Injury Accidents	Property Damage Accidents
AT ROAD INTERSECTION	Collision with	1. Non-motor vehicle: train, bicycle, etc.	121	3	113	5
		2. Fixed object in road	87	0	29	58
	3. Overturned in road		117	0	72	45
	4. Left road		2,760	24	1,335	1,401
NOT AT ROAD INTERSECTION	Collision with	5. Non-motor vehicle: train, bicycle, etc.	457	29	377	51
		6. Fixed object in road	542	4	186	352
	7. Overturned in road		399	4	245	150
	Left road	8. At curve	15,208	276	7,954	6,978
		9. Straight road	15,321	182	7,426	7,713
	10. Fell from moving vehicle		72	7	65	0
	11. Driverless moving		0	0	0	0
	12. All others		4,858	7	633	4,218
	TOTALS		39,942	536	18,435	20,971

SUMMARY OF RURAL ACCIDENTS

DATE: January—December,1989

5. AGE OF CASUALTY	NUMBER OF PERSONS			NUMBER OF PERSONS KILLED AND INJURED														
				PEDESTRIANS			BICYCLISTS			MOTORCYCLISTS			DRIVERS			PASSENGERS		
	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured
1. 0 to 4	1,213	22	1,191	39	3	36	5	1	4	1	0	1	4	0	4	1,164	18	1,146
2. 5 to 9	1,705	20	1,685	104	9	95	100	1	99	1	0	1	6	0	6	1,494	10	1,484
3. 10 to 14	2,267	33	2,234	79	6	73	114	7	107	58	2	56	43	0	43	1,973	18	1,955
4. 15 to 19	12,922	160	12,762	86	5	81	59	2	57	213	7	206	7,866	92	7,774	4,698	54	4,644
5. 20 to 24	10,509	187	10,322	108	14	94	30	2	28	331	9	322	7,239	115	7,124	2,801	47	2,754
6. 25 to 34	14,392	255	14,137	175	24	151	37	4	33	327	10	317	10,561	168	10,393	3,292	49	3,243
7. 35 to 44	9,125	169	8,956	126	20	106	28	1	27	168	6	162	6,878	117	6,761	1,925	25	1,900
8. 45 to 54	5,145	100	5,045	78	19	59	4	1	3	71	1	70	3,803	60	3,743	1,189	19	1,170
9. 55 to 64	3,541	88	3,453	50	12	38	6	0	6	21	1	20	2,493	54	2,439	971	21	950
10. 65 to 74	2,424	75	2,349	34	10	24	3	0	3	2	0	2	1,623	46	1,577	762	19	743
11. 75 & older	1,235	61	1,174	25	6	19	0	0	0	2	0	2	761	38	723	447	17	430
12. Not stated	1,637	24	1,613	19	2	17	6	0	6	14	0	14	37	0	37	1,561	22	1,539
TOTALS	66,115	1,194	64,921	923	130	793	392	19	373	1,209	36	1,173	41,314	690	40,624	22,277	319	21,958

6. TIME		TOTAL		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		SUNDAY	
	Hour beginning	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal
BEFORE NOON	0. Midnight	1,783	35	151	3	146	2	178	2	170	6	237	4	432	11	469	7
	1. 1:00	2,024	43	208	6	165	3	170	3	200	7	229	7	510	8	542	9
	2. 2:00	1,580	28	146	1	109	2	113	1	151	1	175	2	450	15	436	6
	3. 3:00	1,186	25	102	3	77	3	99	2	89	2	135	3	324	6	360	6
	4. 4:00	1,058	30	122	5	99	1	105	2	87	1	110	3	279	11	256	7
	5. 5:00	1,427	21	180	2	188	0	179	2	200	5	176	2	282	6	222	4
	6. 6:00	3,010	47	485	7	555	5	590	9	490	10	419	8	286	3	185	5
	7. 7:00	5,076	34	847	10	1,068	6	905	0	908	6	819	5	347	3	182	4
	8. 8:00	4,049	35	615	6	771	4	729	9	705	2	680	7	372	6	177	1
	9. 9:00	2,850	27	403	7	432	5	427	2	409	3	447	2	459	5	273	3
	10. 10:00	3,243	30	468	6	442	4	439	4	402	3	520	3	596	6	376	4
	11. 11:00	3,799	31	523	4	472	7	524	4	504	4	672	2	707	4	397	6
AFTER NOON	12. Noon	4,408	45	562	5	531	3	571	9	573	9	791	10	744	5	636	4
	13. 1:00	4,441	41	593	9	569	4	533	7	561	6	758	5	802	7	625	3
	14. 2:00	4,897	48	654	10	544	5	671	5	653	10	978	7	789	5	608	6
	15. 3:00	7,150	65	1,111	7	989	5	1,062	7	1,062	12	1,460	15	808	7	658	12
	16. 4:00	6,940	55	1,057	7	969	6	965	10	1,051	7	1,410	6	806	10	682	9
	17. 5:00	6,781	77	947	9	1,012	7	923	7	1,043	13	1,352	17	821	9	683	15
	18. 6:00	5,575	57	700	9	749	7	759	9	783	8	1,046	9	827	7	711	8
	19. 7:00	4,289	59	528	6	565	4	518	5	581	4	786	11	725	16	586	13
	20. 8:00	3,628	57	408	7	456	8	455	4	510	11	619	8	675	12	505	7
	21. 9:00	3,325	54	393	4	458	7	424	2	446	8	597	6	575	14	432	13
	22. 10:00	2,963	65	313	5	396	8	349	2	400	10	616	14	552	14	337	12
	23. 11:00	2,895	48	300	6	323	7	305	9	372	3	673	8	563	9	359	6
24. Not stated		600	5	69	1	54	1	63	0	76	0	102	1	129	0	107	2
TOTALS		88,977	1,062	11,885	145	12,139	114	12,056	116	12,426	151	15,807	165	13,860	199	10,804	172

SUMMARY OF RURAL ACCIDENTS

DATE: January—December,1989

7. PEDESTRIAN ACTIONS BY AGE	Pedestrians Killed	Ages of Pedestrians Killed and Injured									
		Total	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 44	45 to 64	65 and Older	Not Stated
1. Crossing or entering roadway—at intersection	4	45	0	7	5	3	2	11	10	4	3
2. Same—not at intersection	34	280	21	72	44	23	16	45	23	31	5
3. Coming from behind parked car	1	33	4	11	2	2	1	5	6	1	1
4. Walking in roadway—with traffic	19	131	3	2	9	15	29	52	15	4	2
5. Same—against traffic	6	64	0	1	2	8	10	30	10	3	0
6. Standing in roadway	16	113	1	0	1	12	17	45	23	11	3
7. Going to or from stopped school bus	0	1	0	0	0	1	0	0	0	0	0
8. Getting on or off vehicle	0	10	0	2	0	1	1	4	2	0	0
9. Working in roadway	0	26	0	0	0	4	5	12	4	0	1
10. Playing in roadway	0	20	4	6	8	1	1	0	0	0	0
11. Lying in roadway	27	41	0	0	0	5	5	23	8	0	0
12. Other in roadway	14	80	5	1	4	8	8	40	9	3	2
13. Not in roadway	9	78	1	2	4	3	13	33	18	2	2
TOTAL PEDESTRIANS	130	922	39	104	79	86	108	300	128	59	19

8. PEDESTRIAN DRINKING CONDITION	All Accidents	Fatal Accidents	Injury Accidents
1. Had not been drinking	468	34	434
2. Drinking—ability impaired	138	20	118
3. Drinking—ability impairment not known	89	18	71
4. Unable to determine	60	38	22
5. Not stated	167	20	147
TOTAL PEDESTRIANS	922	130	792

9. PEDESTRIAN PHYSICAL CONDITION			
1. Normal	507	32	475
2. Ill	1	0	1
3. Fatigued	5	0	5
4. Asleep	3	2	1
5. Other physical impairment	107	10	97
6. Condition not known	134	66	68
7. Not stated	165	20	145
TOTAL PEDESTRIANS	922	130	792

10. KIND OF LOCALITY			
1. Open country	50,598	753	23,478
2. Residential	19,664	219	9,062
3. Commercial	16,983	79	7,094
4. Institutional	1,029	5	420
5. Industrial	603	6	238
6. Not stated	100	0	43
TOTAL ACCIDENTS	88,977	1,062	40,335

11. VEHICLE TRAFFIC CONTROL	INTERSECTION			NON-INTERSECTION		
	All Accidents	Fatal Accidents	Injury Accidents	All Accidents	Fatal Accidents	Injury Accidents
1. Stop sign	10,227	100	4,941	1,319	11	523
2. Yield sign	392	2	169	145	0	63
3. Stop-and-go signal	3,180	11	1,336	853	0	355
4. Flashing signal—with stop sign	625	5	341	58	0	25
5. Flashing signal—without stop sign	227	0	111	54	1	26
6. Railroad gate and flasher	4	0	0	39	2	7
7. Railroad flasher	6	0	2	35	1	16
8. Human control—hand signal	74	0	28	346	2	165
9. Other	102	1	49	566	13	268
TOTAL TRAFFIC CONTROLS	14,837	119	6,977	3,415	30	1,448
1. Accidents—controls operating properly	9,970	63	4,713	2,070	12	886
2. Accidents—controls not operating properly	4,641	56	2,166	1,285	18	542
3. Accidents—controls not visible	226	0	98	60	0	20
4. Accidents—no controls	7,055	47	3,339	63,670	866	28,571
TOTAL ACCIDENTS	21,892	166	10,316	67,085	896	30,019

12. LIGHT CONDITION			
1. Daylight	57,067	525	25,885
2. Dusk	2,432	27	1,113
3. Dawn	1,706	19	754
4. Darkness—street or highway lighted	2,883	30	1,246
5. Darkness—street or highway not lighted	24,712	459	11,273
6. Not stated	177	2	64
TOTAL ACCIDENTS	88,977	1,062	40,335

SUMMARY OF RURAL ACCIDENTS

DATE: January—December,1989

13. TYPE OF VEHICLE (Including cars in proper parking location)	All Accidents	Fatal Accidents	Injury Accidents
1. Passenger car	101,541	1,018	46,958
2. Passenger car and trailer	194	4	58
3. Taxicab	75	1	35
4. Truck—2 axles	31,793	384	13,783
5. Truck—3 axles	722	20	319
6. Truck tractor and semi-trailer	4,011	125	1,680
7. Truck and trailer	824	12	287
8. Truck tractor (Bobtail)	186	4	88
9. School bus	431	3	176
10. Activity bus	54	0	23
11. Commercial bus	41	1	18
12. Farm tractor and/or farm equip.	303	4	151
13. Motor scooter or motor bicycle	8	0	7
14. Moped	97	4	93
15. Motorcycle	1,139	35	1,027
16. Other	210	5	90
17. Not stated	1,170	7	371
TOTAL VEHICLES	142,799	1,627	65,164
Special vehicles included above:			
18. Emergency (including privately owned)	50	3	21
19. Military vehicles	1,894	16	772
20. Other publicly owned vehicles	1,177	7	574

14. CONDITION OF MOTOR VEHICLE (Includes all known defects, whether or not violation of driver was responsible)			
1. Defective brakes	1,177	7	574
2. Improper or defective headlights	54	2	35
3. Improper or defective rear lights	290	3	96
4. Steering mechanism defective	188	0	99
5. Defective tires	1,784	49	917
6. Other defects	534	7	218
TOTAL DEFECTS	4,027	68	1,939
7. Vehicles—with defects	4,027	68	1,939
8. Vehicles—no defects detected	121,798	1,268	55,612
9. Vehicles—not known if defective	15,894	291	7,243
10. Not stated	1,080	0	370
TOTAL VEHICLES	142,799	1,627	65,164

15. MOST HARMFUL EVENT IN ACCIDENT (Per Vehicle)	All Accidents	Fatal Accidents	Injury Accidents
1. Ran off road	162	2	85
2. Overturned on road	10,013	188	5,989
3. Other non-collision	450	14	202
Collision of Motor Vehicle With:			
4. Pedestrian	828	130	692
5. Parked motor vehicle	3,154	30	895
6. Railroad train	111	9	62
7. Bicyclist	375	19	346
8. Moped	201	9	179
9. Animal	3,857	0	321
10. Fixed object	22,904	231	10,737
11. Other object	945	2	273
Multiple Vehicle Collision:			
12. Rear end	35,304	71	18,029
13. Head on	3,350	338	2,218
14. Sideswipe	7,120	40	2,292
15. Angle	27,287	447	12,653
16. Other	26,738	97	10,191
TOTAL VEHICLES	142,799	1,627	65,164

16. VEHICLE MANEUVER (Before Accident)			
1. Going straight ahead	95,328	1,435	44,882
2. Changing lanes or merging	1,484	6	418
3. Passing	3,544	45	1,398
4. Making right turn	2,985	6	1,013
5. Making left turn	11,460	48	4,883
6. Making U-turn	383	3	163
7. Backing	1,923	1	375
8. Slowing or stopping	8,598	18	4,057
9. Starting in roadway	3,018	18	1,176
10. Parking	35	0	5
11. Leaving parked position	334	3	85
12. Stopped in travel lane	12,075	28	6,067
13. Parked out of travel lanes	0	0	0
14. Parked in travel lanes	842	10	257
15. Avoiding object in road	456	2	226
16. All others	334	4	139
TOTAL VEHICLES	142,799	1,627	65,164

17. APPROXIMATE SPEED (Preceding Accident)	All Accidents	Fatal Accidents	Injury Accidents
1. 0— 9 miles per hour	7,085	28	2,496
2. 10—19 miles per hour	10,647	47	4,136
3. 20—29 miles per hour	11,478	34	4,309
4. 30—39 miles per hour	22,574	102	9,725
5. 40—49 miles per hour	32,259	304	15,297
6. 50—59 miles per hour	33,919	645	16,781
7. 60—69 miles per hour	7,774	176	4,221
8. 70 miles per hour and over	3,286	228	1,966
9. Not stated	13,777	63	6,233
TOTAL VEHICLES	142,799	1,627	65,164

18. ROAD DEFECTS			
1. Loose material on surface	1,193	10	526
2. Holes, ruts	196	1	80
3. Low shoulders	568	15	284
4. Soft shoulders	755	14	335
5. Other defects	353	8	166
6. Road under construction or repair	1,439	12	607
TOTAL DEFECTS	4,504	60	1,998
7. Accidents—road defects	4,504	60	1,998
8. Accidents—no road defects	84,346	1,002	38,275
9. Accidents—not stated	127	0	62
TOTAL ACCIDENTS	88,977	1,062	40,335

19. CHARACTER OF ROADWAY			
1. Straight road—level	45,423	451	19,830
2. Straight road—hillcrest	3,602	29	1,625
3. Straight road—on grade	13,811	156	6,110
4. Straight—bottom (sag)	1,646	16	755
5. Curve—level	12,132	225	6,036
6. Curve—hillcrest	1,305	25	637
7. Curve—grade	9,989	140	4,818
8. Curve—bottom (sag)	916	19	457
9. Not stated	153	1	67
TOTAL ACCIDENTS	88,977	1,062	40,335

SUMMARY OF RURAL ACCIDENTS

DATE: January—December, 1989

20. WEATHER	All Accidents	Fatal Accidents	Injury Accidents
1. Clear	51,092	626	23,686
2. Cloudy	15,094	220	6,888
3. Raining	16,287	159	7,321
4. Snowing	2,154	11	689
5. Fog, smog, smoke, dust	1,566	28	720
6. Sleet or hail	2,595	17	951
7. Not stated	189	1	80
TOTAL ACCIDENTS	88,977	1,062	40,335

21. ROAD SURFACE CONDITION			
1. Dry	59,493	793	27,737
2. Wet	21,167	229	9,655
3. Muddy	93	1	42
4. Snowy	1,663	4	508
5. Icy	6,331	35	2,299
6. Other	52	0	20
7. Not stated	178	0	74
TOTAL ACCIDENTS	88,977	1,062	40,335

22. TYPE OF ROAD SURFACE			
1. Concrete	3,306	28	1,383
2. Grooved concrete	561	7	242
3. Blacktop	82,249	1,009	37,553
4. Gravel	1,789	10	671
5. Dirt or sand	881	7	401
6. Other	98	1	41
7. Not stated	93	0	44
TOTAL ACCIDENTS	88,977	1,062	40,335

23. LICENSE OF DRIVER			
1. Licensed in state	116,682	1,275	54,079
2. Resident—no license	5,419	131	2,936
3. Nonresident—licensed in other state	13,565	169	5,972
4. Nonresident—no license	0	0	0
5. Not stated	978	14	466
TOTAL DRIVERS	136,644	1,589	63,453

24. DRIVING VIOLATIONS INDICATED	All Accidents	Fatal Accidents	Injury Accidents
1. Exceeding speed limit	5,720	264	3,552
2. Exceeding safe speed	31,175	384	15,972
3. Failed to yield	9,135	91	4,432
4. Alcohol or drug related	8,586	291	5,578
5. Disregarded stop sign	2,406	54	1,381
6. Disregarded traffic signal	927	7	484
7. Below minimum speed	76	4	42
8. Passed stopped school bus	17	0	10
9. Passing on hill	62	1	36
10. Passing on curve	107	3	45
11. Other improper passing	1,556	20	589
12. Improper lane use	1,069	15	438
13. Improper turn	725	6	288
14. Improper or no signal	439	0	155
15. Improper equipment	2,535	38	1,284
16. Safe movement violation	15,497	61	6,144
17. Reckless driving	2,168	37	1,378
18. Driving left of center	11,465	365	6,390
19. Following too closely	3,529	6	1,556
20. Improper backing	554	1	86
21. Improper parking	139	1	52
22. Other improper driving	5,191	109	2,543
TOTAL VIOLATIONS	103,078	1,758	52,435

25. VIOLATION CONTROL			
1. Drivers in violation	76,614	965	36,739
2. Drivers not in violation	58,111	613	25,741
3. Drivers violation unknown or not stated	1,919	11	973
TOTAL DRIVERS	136,644	1,589	63,453

26. DRIVER DRINKING CONDITION			
1. Had not been drinking	123,274	1,003	55,832
2. Drinking—ability impaired	6,797	166	4,534
3. Drinking—ability impairment not known	2,653	112	1,517
4. Unable to determine	3,147	302	1,233
5. Not stated	773	6	337
TOTAL DRIVERS	136,644	1,589	63,453

27. AGE OF DRIVER	All Accidents	Fatal Accidents	Injury Accidents
1. 15 and younger	446	6	265
2. 16	5,799	33	2,864
3. 17	5,999	28	2,845
4. 18—19	12,405	141	5,850
5. 20 thru 24	23,265	279	10,804
6. 25 thru 34	34,422	398	16,042
7. 35 thru 44	22,772	284	10,528
8. 45 thru 54	13,025	170	6,026
9. 55 thru 64	9,248	118	4,122
10. 65 thru 74	6,004	81	2,704
11. 75 and older	2,719	49	1,227
12. Not stated	540	2	176
TOTAL DRIVERS	136,644	1,589	63,453

28. SEX OF DRIVER			
1. Male	86,173	1,161	38,962
2. Female	49,190	423	24,141
3. Not stated	1,281	5	350
TOTAL DRIVERS	136,644	1,589	63,453

29. DRIVER PHYSICAL CONDITION			
1. Normal	125,785	1,020	57,393
2. Ill	200	2	133
3. Fatigued	655	8	392
4. Asleep	1,396	10	811
5. Impairment due to medicine or drugs	2,484	67	1,675
6. Other physical impairment	1,424	23	939
7. Restriction on license not complied with	56	1	30
8. Condition not known	4,061	452	1,838
9. Not stated	583	6	242
TOTAL DRIVERS	136,644	1,589	63,453

SUMMARY OF RURAL ACCIDENTS

DATE: January—December, 1989

30. ACCIDENT CONTROL	All Accidents	Fatal Accidents	Injury Accidents	PERSONS Killed	PERSONS Injured
30.A. DRINKING CONDITION					
1. Accidents—alcohol related	9,342	276	5,985	324	9,699
2. Accidents—not alcohol related	76,016	503	32,904	546	52,850
3. Accidents—officer unable to determine	2,950	279	1,151	319	1,886
4. Accidents—information not stated	669	4	295	5	486
TOTAL ACCIDENTS	88,977	1,062	40,335	1,194	64,921
30.B. VIOLATION					
5. Accidents—speeding violation	33,264	516	17,309	597	27,755
6. Accidents—other violation	36,957	385	16,672	428	28,840
7. Accidents—not involving a violation	18,157	156	6,049	164	7,886
8. Accidents—violation information not stated	599	5	305	5	440
TOTAL ACCIDENTS	88,977	1,062	40,335	1,194	64,921
30.C. VEHICLE DEFECTS					
9. Accidents—involving vehicle defects	3,694	64	1,826	69	3,028
10. Accidents—no vehicle defects detected	75,058	796	33,650	890	53,990
11. Accidents—not known if defective	9,746	202	4,674	235	7,617
12. Accidents—information not stated	479	0	185	0	286
TOTAL ACCIDENTS	88,977	1,062	40,335	1,194	64,921

31. ROADWAY FEATURE	All Accidents	Fatal Accidents	Injury Accidents
1. Bridge	2,707	48	1,176
2. Underpass	141	4	65
3. Driveway, public	3,609	19	1,563
4. Driveway, private	4,880	50	2,214
5. Alley intersection	105	0	44
6. Intersection of roadways	21,892	166	10,316
7. Non-intersection median crossing	441	2	206
8. End or beginning of divided highway	142	0	59
9. Interchange ramp	618	4	248
10. Interchange service road	30	1	14
11. Railroad crossing	336	10	156
12. Tunnel	7	0	3
13. Other	705	6	298
14. No special feature	53,221	752	23,916
15. Not stated	143	0	57
TOTAL ACCIDENTS	88,977	1,062	40,335

COUNTY ACCIDENT SUMMARY

RURAL

January—December, 1989

COUNTIES	Total All Accidents	Fatal	Non-Fatal	Property Damage	PERSONS	
					Injured	Killed
Alamance	1,211	16	581	614	868	17
Alexander	535	13	245	277	391	15
Alleghany	222	0	78	144	110	0
Anson	613	8	244	361	455	9
Ashe	450	1	123	326	187	1
Avery	412	3	147	262	235	3
Beaufort	664	6	274	384	462	7
Bertie	378	4	195	179	317	4
Bladen	637	12	308	317	539	13
Brunswick	952	13	487	452	905	13
Buncombe	2,321	24	1,134	1,163	1,774	31
Burke	1,400	9	648	743	1,006	9
Cabarrus	971	12	472	487	712	13
Caldwell	1,133	14	543	576	879	15
Camden	106	0	56	50	87	0
Carteret	965	12	419	534	679	12
Caswell	414	5	182	227	263	5
Catawba	1,946	24	833	1,089	1,305	25
Chatham	1,006	17	411	578	645	21
Cherokee	413	4	181	228	281	4
Chowan	130	2	66	62	97	2
Clay	139	1	61	77	105	1
Cleveland	1,480	6	656	818	1,085	6
Columbus	906	14	492	400	830	14
Craven	791	8	430	353	718	9
Cumberland	2,885	25	1,242	1,618	1,955	25
Currituck	418	9	189	220	353	9
Dare	682	7	245	430	408	9
Davidson	1,898	27	904	967	1,449	31
Davie	562	4	254	304	389	5
Duplin	943	17	442	484	696	18
Durham	995	8	456	531	705	11
Edgecombe	724	9	319	396	526	9
Forsyth	1,796	5	889	902	1,397	5
Franklin	713	12	326	375	529	12
Gaston	2,492	14	1,201	1,277	1,932	16
Gates	207	7	99	101	183	7
Graham	130	3	59	68	108	3
Granville	790	17	289	484	439	18
Greene	312	2	141	169	205	2
Guilford	2,464	28	1,092	1,344	1,720	30
Halifax	841	19	335	487	587	21
Harnett	1,369	27	694	648	1,146	31
Haywood	833	4	338	491	536	4
Henderson	1,412	15	635	762	975	16
Hertford	490	7	221	262	398	8
Hoke	518	8	234	276	416	9
Hyde	87	2	39	46	69	2
Iredell	1,499	24	613	862	1,003	32
Jackson	535	8	193	334	271	8
Johnston	1,660	28	815	817	1,360	32
Jones	214	1	98	115	173	1
Lee	456	8	204	244	322	8
Lenoir	757	13	340	404	573	18
Lincoln	972	13	391	568	608	15
Macon	374	2	178	194	256	2
Madison	353	3	152	198	246	3
Martin	489	10	245	234	417	13
McDowell	1,186	9	494	683	770	9
Mecklenburg	2,422	22	992	1,408	1,561	26
Mitchell	255	3	113	139	192	4
Montgomery	553	5	234	314	371	7
Moore	921	15	381	525	618	18
Nash	1,191	17	495	679	858	20
New Hanover	1,082	9	480	593	786	9
Northampton	397	1	209	187	349	1
Onslow	1,868	16	843	1,009	1,304	16
Orange	1,129	6	462	661	686	6
Pamlico	149	2	76	71	133	2
Pasquotank	299	4	148	147	223	5
Pender	624	9	283	332	466	10
Perquimans	217	1	105	111	164	1
Person	412	7	212	193	319	7
Pitt	1,327	22	634	671	1,030	26
Polk	265	3	128	134	210	3
Randolph	1,622	24	818	780	1,292	29
Richmond	611	14	311	286	530	15
Robeson	1,975	40	937	998	1,556	41
Rockingham	1,219	11	580	628	927	11
Rowan	1,409	21	682	706	1,072	23
Rutherford	1,057	15	532	510	846	19
Sampson	929	12	434	483	747	16
Scotland	432	7	218	207	349	10
Stanly	725	10	367	348	612	11
Stokes	563	5	262	296	416	7
Surry	1,201	16	498	687	786	19
Swain	136	1	60	75	96	1
Transylvania	381	1	144	236	221	1
Tyrrell	78	0	28	50	49	0
Union	1,491	13	628	850	981	15
Vance	542	9	240	293	398	11
Wake	4,005	26	1,868	2,111	2,995	30
Warren	238	6	114	118	194	8
Washington	290	2	135	153	232	2
Watauga	634	5	215	414	345	6
Wayne	1,093	23	579	491	939	25
Wilkes	1,407	15	562	830	832	19
Wilson	755	12	384	359	652	13
Yadkin	617	6	225	386	378	6
Yancey	205	3	87	115	151	4
TOTAL	88,977	1,062	40,335	47,580	64,921	1,194

COUNTY ACCIDENT SUMMARY

NON URBANIZED RURAL

January—December, 1989

COUNTIES	Total All Accidents	Fatal	Non-Fatal	Property Damage	PERSONS	
					Injured	Killed
Alamance	1,005	15	508	482	764	16
Alexander	433	12	214	207	342	14
Alleghany	170	0	64	106	92	0
Anson	378	5	160	213	279	6
Ashe	349	1	98	250	151	1
Avery	299	3	117	179	188	3
Beaufort	588	4	242	342	406	5
Bertie	310	3	163	144	260	3
Bladen	473	10	231	232	403	11
Brunswick	805	13	428	364	806	13
Buncombe	2,089	24	1,057	1,008	1,666	31
Burke	1,244	9	598	637	923	9
Cabarrus	904	12	451	441	684	13
Caldwell	930	11	446	473	717	12
Camden	106	0	56	50	87	0
Carteret	724	11	335	378	558	11
Caswell	367	4	164	199	236	4
Catawba	1,482	23	701	758	1,106	24
Chatham	801	13	326	462	509	15
Cherokee	319	3	143	173	228	3
Chowan	130	2	66	62	97	2
Clay	127	1	59	67	100	1
Cleveland	1,346	6	600	740	989	6
Columbus	804	14	439	351	714	14
Craven	746	8	401	337	662	9
Cumberland	2,868	25	1,234	1,609	1,942	25
Currituck	418	9	189	220	353	9
Dare	195	4	93	98	149	6
Davidson	1,868	27	891	950	1,429	31
Davie	424	2	197	225	306	2
Duplin	717	15	350	352	564	16
Durham	995	8	456	531	705	11
Edgecombe	667	9	296	362	487	9
Forsyth	1,569	5	775	789	1,221	5
Franklin	606	11	290	305	464	11
Gaston	1,809	10	940	859	1,530	12
Gates	205	7	98	100	182	7
Graham	111	3	54	54	98	3
Granville	660	17	246	397	370	18
Greene	280	2	129	149	190	2
Guilford	2,406	28	1,065	1,313	1,682	30
Halifax	652	18	276	358	494	20
Harnett	1,212	25	633	554	1,054	29
Haywood	731	4	300	427	477	4
Henderson	1,397	15	631	751	971	16
Hertford	297	7	142	148	265	8
Hoke	425	7	201	217	359	8
Hyde	87	2	39	46	69	2
Iredell	1,476	22	607	847	990	30
Jackson	466	7	176	283	247	7
Johnston	1,442	27	735	680	1,236	30
Jones	186	1	88	97	156	1
Lee	447	8	199	240	315	8
Lenoir	719	13	320	386	543	18
Lincoln	972	13	391	568	608	15
Macon	337	2	173	162	249	2
Madison	328	3	141	184	232	3
Martin	442	10	221	211	374	13
McDowell	907	7	403	497	620	7
Mecklenburg	2,085	22	875	1,188	1,376	26
Mitchell	180	3	85	92	143	4
Montgomery	398	5	192	201	303	7
Moore	614	15	283	316	454	18
Nash	1,004	16	421	567	729	19
New Hanover	978	8	435	535	717	8
Northampton	337	1	187	149	314	1
Onslow	1,819	16	826	977	1,274	16
Orange	973	5	407	561	603	5
Pamlico	114	1	57	56	93	1
Pasquotank	299	4	148	147	223	5
Pender	582	9	262	311	431	10
Perquimans	164	1	90	73	140	1
Person	412	7	212	193	319	7
Pitt	1,142	21	563	558	916	22
Polk	216	2	104	110	168	2
Randolph	1,458	22	760	676	1,200	27
Richmond	576	14	294	268	507	15
Robeson	1,704	38	843	823	1,399	39
Rockingham	1,068	11	533	524	855	11
Rowan	1,221	19	597	605	927	21
Rutherford	798	12	430	356	690	16
Sampson	856	12	400	444	673	16
Scotland	421	7	212	202	341	10
Stanly	630	10	325	295	559	11
Stokes	467	5	221	241	349	7
Surry	980	15	423	542	667	18
Swain	121	1	55	65	87	1
Transylvania	371	1	139	231	215	1
Tyrrell	65	0	26	39	45	0
Union	1,223	12	525	686	829	14
Vance	532	8	237	287	391	10
Wake	3,389	25	1,650	1,714	2,623	29
Warren	223	6	108	109	187	8
Washington	174	1	79	94	133	1
Watauga	562	5	198	359	317	6
Wayne	1,058	23	557	478	910	25
Wilkes	1,052	14	399	639	593	18
Wilson	715	12	363	340	619	13
Yadkin	482	6	189	287	314	6
Yancey	204	3	87	114	151	4
TOTAL	76,917	998	35,843	40,076	57,682	1,123

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS

Page

Type of Accident 47
Comparative Totals 47
Location 48
Directional Analysis 48
Age of Casualty 49
Time by Day of Week 49

PEDESTRIAN:
- Actions by Age 50
- Drinking Condition 50
- Physical Condition 50

Kind of Locality 50
Vehicle Traffic Control 50
Light Condition 50

VEHICLE DATA:
- Type 51
- Condition—Defects 51
- Most Harmful Event 51
- Maneuver 51
- Approximate Speed 51

Road Defects 51
Character of Roadway 51
Weather 52
Road Surface Condition 52
Type of Road Surface 52

DRIVER DATA:
- License 52
- Violation Indicated 52
- Violation Control 52
- Drinking Condition 52
- Age 52
- Sex 52
- Physical Condition 52

ACCIDENT CONTROL:
- Drinking 53
- Violation 53
- Vehicle Defects 53

Roadway Feature 53
County Accident Summary 54

NORTH CAROLINA

SUMMARY OF MOTOR VEHICLE TRAFFIC ACCIDENTS

URBAN

1. TYPE OF ACCIDENT (First Harmful Event)		NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
							INJURED			
	Motor Vehicle:	Total	Fatal	Nonfatal Injury	Property Damage Only	Total Killed	Total	a	b	c
	1. Ran off road	8,968	52	3,809	5,107	57	5,085	1,082	1,957	2,046
	2. Overturned on road	314	1	185	128	1	256	65	88	103
	3. Other non-collision	164	5	90	69	5	106	29	43	34
COLLISION OF MOTOR VEHICLE WITH:	4. Pedestrian	1,107	67	1,040	0	68	1,103	410	380	313
	5. Motor vehicle in traffic	76,920	107	29,475	47,338	118	49,183	4,050	9,264	35,869
	6. Parked motor vehicle	3,331	6	593	2,732	6	774	110	282	382
	7. Railroad train	66	7	27	32	9	36	10	10	16
	8. Bicyclist	615	6	595	14	6	625	152	280	193
	9. Moped	154	3	143	8	3	168	48	69	51
	10. Animal	169	0	19	150	0	23	1	4	18
	11. Fixed object	1,005	1	329	675	1	434	62	143	229
	12. Other object	369	0	65	304	0	82	9	23	50
	TOTALS	93,182	255	36,370	56,557	274	57,875	6,028	12,543	39,304

NOTE: The three categories of injuries follow the Manual of Uniform Definitions of Motor Vehicle Accidents.

a. Bleeding wound, distorted member, or any condition that required victim be carried from the scene.

b. Other visible injuries such as bruises, abrasions, swelling, limping, or other painful movement.

c. Complaint of pain, without visible signs of injury or momentary unconciousness.

FOR January-December, 1989

This summary includes reports and information available on

April 3, 1990

LEGALLY REPORTABLE ACCIDENTS ARE THOSE INVOLVING DEATH, BODILY INJURY OR PROPERTY DAMAGE OF $500 OR MORE IN THE ACCIDENT.

DEFINITION:

URBAN: Cities with 5,000 or more population.

2. COMPARATIVE TOTALS (First Harmful Event)		THIS YEAR TO DATE			SAME PERIOD LAST YEAR			Change Cumulative Death Record
	Motor Vehicle:	All Accidents	Persons Killed	Persons Injured	All Accidents	Persons Killed	Persons Injured	
	1. Ran off road	8,968	57	5,085	8,164	62	4,874	- 8%
	2. Overturned on road	314	1	256	324	2	278	- 50%
	3. Other non-collision	164	5	106	129	0	95	#
COLLISION OF MOTOR VEHICLE WITH:	4. Pedestrian	1,107	68	1,103	1,075	65	1,088	+ 5%
	5. Motor vehicle in traffic	76,920	118	49,183	74,032	89	46,306	+ 33%
	6. Parked motor vehicle	3,331	6	774	3,260	2	821	+200%
	7. Railroad train	66	9	36	77	3	44	+200%
	8. Bicyclist	615	6	625	696	6	716	----
	9. Moped	154	3	168	169	3	180	----
	10. Animal	169	0	23	157	0	46	----
	11. Fixed object	1,005	1	434	772	2	299	- 50%
	12. Other object	369	0	82	332	1	89	-100%
	TOTALS	93,182	274	57,875	89,187	235	54,836	+ 17%

#No fatalities for comparable period

SUMMARY OF URBAN ACCIDENTS

DATE: January—December, 1989

3. LOCATION		NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
							INJURED			
		Total	Fatal	Nonfatal Injury	Property Damage Only	Total Killed	Total	a	b	c
URBAN POPULATION	1. 5,000 to 10,000	8,082	23	3,094	4,965	24	4,976	783	1,123	3,070
	2. 10,000 to 25,000	14,521	45	5,586	8,890	47	8,912	1,202	2,248	5,462
	3. 25,000 to 50,000	11,549	37	4,761	6,751	38	7,501	932	1,873	4,696
	4. 50,000 to 100,000	13,613	41	5,924	7,648	48	9,334	863	1,818	6,653
	5. 100,000 to 250,000	45,417	109	17,005	28,303	117	27,152	2,248	5,481	19,423
TOTALS		93,182	255	36,370	56,557	274	57,875	6,028	12,543	39,304

NOTE: The three categories of injuries follow the Manual of Uniform Definitions of Motor Vehicle Accidents.

a. Bleeding wound, distorted member, or any condition that required victim be carried from the scene.

b. Other visible injuries such as bruises, abrasions, swelling, limping, or other painful movement.

c. Complaint of pain, without visible signs of injury, or momentary unconsciousness.

DEFINITION:

URBAN: Cities with 5,000 or more population.

4. DIRECTIONAL ANALYSIS—*An accident consisting of a series of collisions, overturning, etc., is classified according to the first event on the road.*

4A. TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal Accidents	Injury Accidents	Property Damage Accidents
AT ROAD INTERSECTION	1. Entering at angle	12,017	34	5,650	6,333
	2a. From same direction—both going straight	671	0	266	405
	b. Same—one turn, one straight	1,964	0	603	1,361
	c. Same—one stopped	6,954	3	2,899	4,052
	d. Same—all others	938	0	392	546
	3a. From opposite direction—both going straight	346	3	178	165
	b. Same—one left turn, one straight	3,318	5	1,353	1,960
	c. Same—all others	9,115	11	3,391	5,713
	4. Not stated	52	0	27	25
TOTALS		35,375	56	14,759	20,560

4C. PEDESTRIAN ACCIDENTS	All Pedestrian Accidents	FATAL ACCIDENTS			NONFATAL INJURY ACCIDENTS		
		Total	Inter-section	Non-Inter-section	Total	Inter-section	Non-Inter-section
1. Car going straight	876	59	10	49	817	191	626
2. Car turning right	54	1	1	0	53	42	11
3. Car turning left	51	1	1	0	50	37	13
4. Car backing	36	5	0	5	31	3	28
5. All others	90	1	0	1	89	20	69
TOTALS	1,107	67	12	55	1,040	293	747

4B. TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal Accidents	Injury Accidents	Property Damage Accidents
NOT AT ROAD INTERSECTION	1. Going opposite direction—head-on collision	556	16	374	166
	2. Going opposite direction—sideswipe collision	718	2	231	485
	3. Going same direction—rear-end collision	18,419	7	8,158	10,254
	4. Going same direction—sideswipe collision	3,254	1	532	2,721
	5. One car parked	3,935	5	579	3,351
	6. One car stopped in traffic	1,374	0	306	1,068
	7. Parking	13	0	0	13
	8. Alley intersection with road	113	1	40	72
	9. Driveway intersection with road	2,999	2	936	2,061
	10. All others	13,450	23	4,142	9,285
TOTALS		44,831	57	15,298	29,476

4D. ALL OTHER ACCIDENTS			Total	Fatal Accidents	Injury Accidents	Property Damage Accidents
AT ROAD INTERSECTION	Collision with	1. Non-motor vehicle: train, bicycle, etc.	425	4	407	14
		2. Fixed object in road	220	0	68	152
	3. Overturned in road		66	0	35	31
	4. Left road		1,496	6	607	883
NOT AT ROAD INTERSECTION	Collision with	5. Non-motor vehicle: train, bicycle, etc.	410	12	358	40
		6. Fixed object in road	785	1	261	523
	7. Overturned in road		248	1	150	97
	Left road	8. At curve	2,517	19	1,138	1,360
		9. Straight road	4,930	27	2,053	2,850
	10. Fell from moving vehicle		49	4	45	0
	11. Driverless moving		2	0	0	2
	12. All others		721	1	151	569
TOTALS			11,869	75	5,273	6,521

SUMMARY OF URBAN ACCIDENTS

DATE: January—December, 1989

5. AGE OF CASUALTY	NUMBER OF PERSONS			NUMBER OF PERSONS KILLED AND INJURED														
				PEDESTRIANS			BICYCLISTS			MOTORCYCLISTS			DRIVERS			PASSENGERS		
	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured
1. 0 to 4	1,124	9	1,115	58	2	56	9	0	9	1	0	1	6	0	6	1,050	7	1,043
2. 5 to 9	1,683	13	1,670	161	9	152	116	2	114	0	0	0	5	0	5	1,401	2	1,399
3. 10 to 14	1,684	5	1,679	100	2	98	135	1	134	7	0	7	26	0	26	1,416	2	1,414
4. 15 to 19	8,759	23	8,736	100	4	96	103	0	103	136	3	133	4,811	7	4,804	3,609	9	3,600
5. 20 to 24	9,312	38	9,274	126	7	119	96	1	95	217	4	213	6,225	19	6,206	2,648	7	2,641
6. 25 to 34	13,650	51	13,599	233	10	223	100	1	99	213	5	208	9,862	29	9,833	3,242	6	3,236
7. 35 to 44	8,695	34	8,661	176	6	170	45	0	45	90	2	88	6,572	24	6,548	1,812	2	1,810
8. 45 to 54	4,960	18	4,942	105	7	98	16	0	16	32	0	32	3,671	8	3,663	1,136	3	1,133
9. 55 to 64	3,483	21	3,462	75	6	69	7	0	7	11	1	10	2,541	10	2,531	849	4	845
10. 65 to 74	2,346	31	2,315	49	11	38	5	1	4	2	0	2	1,617	14	1,603	673	5	668
11. 75 & older	1,181	21	1,160	44	8	36	1	0	1	0	0	0	697	10	687	439	3	436
12. Not stated	1,272	10	1,262	26	1	25	13	0	13	5	0	5	43	0	43	1,185	9	1,176
TOTALS	58,149	274	57,875	1,253	73	1,180	646	6	640	714	15	699	36,076	121	35,955	19,460	59	19,401

6. TIME		TOTAL		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		SUNDAY	
	Hour beginning	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal	All	Fatal
BEFORE NOON	0. Midnight	1,334	9	107	0	106	1	133	1	121	1	187	0	367	4	313	2
	1. 1:00	1,196	10	90	0	62	2	103	1	131	1	171	1	323	3	316	2
	2. 2:00	958	7	70	1	73	0	67	1	104	0	129	0	270	1	245	4
	3. 3:00	570	5	39	0	36	0	38	1	55	1	86	0	166	1	150	2
	4. 4:00	456	3	50	0	33	0	35	0	48	1	66	0	113	0	111	2
	5. 5:00	502	4	68	1	46	1	79	0	47	0	79	1	107	1	76	0
	6. 6:00	1,661	5	238	0	295	0	374	1	312	3	261	1	121	0	60	0
	7. 7:00	4,202	15	705	7	853	1	828	1	872	1	697	1	167	2	80	2
	8. 8:00	4,440	11	726	2	869	2	806	0	892	2	755	2	260	3	132	0
	9. 9:00	3,547	7	568	0	614	0	578	2	538	0	604	1	425	2	220	2
	10. 10:00	4,019	8	624	2	598	1	654	1	569	1	746	0	540	2	288	1
	11. 11:00	4,899	9	790	0	706	2	707	0	733	3	990	4	687	0	286	0
AFTER NOON	12. Noon	6,580	12	1,050	1	951	4	916	3	993	1	1,379	1	733	1	558	1
	13. 1:00	6,002	7	923	4	849	0	854	1	901	0	1,186	2	782	0	507	0
	14. 2:00	6,352	15	985	4	862	1	909	4	921	2	1,310	1	793	1	572	2
	15. 3:00	8,053	19	1,291	2	1,135	2	1,216	4	1,226	0	1,744	7	830	3	611	1
	16. 4:00	8,947	14	1,438	2	1,296	1	1,364	1	1,466	4	1,953	2	815	2	615	2
	17. 5:00	9,049	19	1,446	2	1,502	3	1,427	5	1,517	3	1,752	1	807	2	598	3
	18. 6:00	5,480	13	738	2	791	0	798	2	896	2	998	1	728	1	531	5
	19. 7:00	4,001	14	464	4	539	0	534	4	573	0	773	5	675	1	443	0
	20. 8:00	3,189	18	379	3	442	2	393	1	477	3	576	2	541	4	381	3
	21. 9:00	2,976	11	363	1	406	0	362	0	371	1	608	4	541	4	325	1
	22. 10:00	2,345	11	253	2	285	1	259	0	316	3	549	3	438	1	245	1
	23. 11:00	1,966	8	165	0	209	0	203	2	218	0	551	3	441	2	179	1
24. Not stated		458	1	74	0	68	0	58	0	72	0	73	0	56	0	57	1
TOTALS		93,182	255	13,644	40	13,626	24	13,695	36	14,369	33	18,223	43	11,726	41	7,899	38

SUMMARY OF URBAN ACCIDENTS

DATE: January—December, 1989

7. PEDESTRIAN ACTIONS BY AGE	Pedestrians Killed	Ages of Pedestrians Killed and Injured									
		Total	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 44	45 to 64	65 and Older	Not Stated
1. Crossing or entering roadway—at intersection	8	241	1	22	14	18	21	78	57	27	3
2. Same—not at intersection	31	491	28	89	48	31	44	150	62	33	6
3. Coming from behind parked car	2	70	15	24	9	4	4	7	3	2	2
4. Walking in roadway—with traffic	4	73	0	1	5	9	9	32	11	5	1
5. Same—against traffic	3	37	1	0	0	4	7	14	4	6	1
6. Standing in roadway	8	101	0	2	5	11	17	48	10	7	1
7. Going to or from stopped school bus	0	0	0	0	0	0	0	0	0	0	0
8. Getting on or off vehicle	0	18	0	1	1	4	2	4	4	2	0
9. Working in roadway	1	15	0	0	0	0	2	5	4	2	2
10. Playing in roadway	0	22	7	6	6	1	1	1	0	0	0
11. Lying in roadway	3	8	0	0	0	0	0	5	1	2	0
12. Other in roadway	10	106	6	13	5	10	11	42	12	3	4
13. Not in roadway	3	70	0	2	5	7	8	20	11	4	13
TOTAL PEDESTRIANS	73	1,252	58	160	98	99	126	406	179	93	33

8. PEDESTRIAN DRINKING CONDITION	All Accidents	Fatal Accidents	Injury Accidents
1. Had not been drinking	693	29	664
2. Drinking—ability impaired	115	5	110
3. Drinking—ability impairment not known	117	5	112
4. Unable to determine	73	17	56
5. Not stated	254	17	237
TOTAL PEDESTRIANS	1,252	73	1,179

9. PEDESTRIAN PHYSICAL CONDITION			
1. Normal	722	23	699
2. Ill	1	0	1
3. Fatigued	2	0	2
4. Asleep	1	0	1
5. Other physical impairment	127	6	121
6. Condition not known	145	27	118
7. Not stated	254	17	237
TOTAL PEDESTRIANS	1,252	73	1,179

10. KIND OF LOCALITY			
1. Open country	1,191	5	522
2. Residential	30,983	114	12,403
3. Commercial	57,729	125	22,233
4. Institutional	1,739	4	606
5. Industrial	1,327	6	537
6. Not stated	213	1	69
TOTAL ACCIDENTS	93,182	255	36,370

11. VEHICLE TRAFFIC CONTROL	INTERSECTION			NON-INTERSECTION		
	All Accidents	Fatal Accidents	Injury Accidents	All Accidents	Fatal Accidents	Injury Accidents
1. Stop sign	11,093	25	4,713	1,981	7	712
2. Yield sign	600	0	241	518	0	178
3. Stop-and-go signal	16,841	27	7,230	5,361	5	2,151
4. Flashing signal—with stop sign	340	1	154	61	0	19
5. Flashing signal—without stop sign	513	2	234	104	1	43
6. Railroad gate and flasher	11	0	6	65	4	14
7. Railroad flasher	9	0	4	45	2	20
8. Human control—hand signal	132	0	64	300	1	131
9. Other	144	0	65	301	3	116
TOTAL TRAFFIC CONTROLS	29,683	55	12,711	8,736	23	3,384
1. Accidents—controls operating properly	24,999	46	10,735	7,122	18	2,751
2. Accidents—controls not operating properly	4,360	6	1,849	1,471	5	567
3. Accidents—controls not visible	324	3	127	143	0	66
4. Accidents—no controls	8,341	24	3,505	46,422	153	16,770
TOTAL ACCIDENTS	38,024	79	16,216	55,158	176	20,154

12. LIGHT CONDITION			
1. Daylight	68,508	147	26,203
2. Dusk	2,944	6	1,172
3. Dawn	1,025	3	411
4. Darkness—street or highway lighted	16,973	71	7,100
5. Darkness—street or highway not lighted	3,424	27	1,400
6. Not stated	308	1	84
TOTAL ACCIDENTS	93,182	255	36,370

SUMMARY OF URBAN ACCIDENTS

DATE: January—December, 1989

13. TYPE OF VEHICLE (Including cars in proper parking location)	All Accidents	Fatal Accidents	Injury Accidents
1. Passenger car	141,974	270	57,891
2. Passenger car and trailer	74	1	17
3. Taxicab	600	1	279
4. Truck—2 axles	29,183	64	10,840
5. Truck—3 axles	678	7	211
6. Truck tractor and semi-trailer	2,654	20	782
7. Truck and trailer	374	2	107
8. Truck tractor (Bobtail)	134	0	33
9. School bus	339	2	117
10. Activity bus	68	0	26
11. Commercial bus	254	2	106
12. Farm tractor and/or farm equip	47	0	9
13. Motor scooter or motor bicycle	5	0	4
14. Moped	160	2	150
15. Motorcycle	728	16	633
16. Other	183	2	61
17. Not stated	2,759	10	720
TOTAL VEHICLES	180,214	399	71,986
Special vehicles included above:			
18. Emergency (including privately owned)	36	1	12
19. Military vehicles	2,712	7	1,035
20. Other publicly owned vehicles	1,566	4	689

14. CONDITION OF MOTOR VEHICLE (Includes all known defects, whether or not violation of driver was responsible)	All Accidents	Fatal Accidents	Injury Accidents
1. Defective brakes	1,566	4	689
2. Improper or defective headlights	46	1	24
3. Improper or defective rear lights	141	0	51
4. Steering mechanism defective	143	1	56
5. Defective tires	504	7	265
6. Other defects	432	2	160
TOTAL DEFECTS	2,832	15	1,245
7. Vehicles—with defects	2,832	15	1,245
8. Vehicles—no defects detected	128,154	233	50,990
9. Vehicles—not known if defective	46,134	144	18,727
10. Not stated	3,094	7	1,024
TOTAL VEHICLES	180,214	399	71,986

15. MOST HARMFUL EVENT IN ACCIDENT (Per Vehicle)	All Accidents	Fatal Accidents	Injury Accidents
1. Ran off road	133	1	55
2. Overturned on road	1,015	8	616
3. Other non-collision	220	5	117
Collision of Motor Vehicle With:			
4. Pedestrian	1,143	73	1,068
5. Parked motor vehicle	5,636	9	999
6. Railroad train	75	7	28
7. Bicyclist	625	6	601
8. Moped	327	7	294
9. Animal	206	0	35
10. Fixed object	8,705	35	3,510
11. Other object	514	0	117
Multiple Vehicle Collision:			
12. Rear end	58,538	20	27,382
13. Head on	1,832	45	1,205
14. Sideswipe	10,745	11	2,317
15. Angle	40,960	136	17,127
16. Other	49,540	36	16,515
TOTAL VEHICLES	180,214	399	71,986

16. VEHICLE MANEUVER (Before Accident)	All Accidents	Fatal Accidents	Injury Accidents
1. Going straight ahead	95,774	323	40,204
2. Changing lanes or merging	6,358	6	1,510
3. Passing	1,079	1	268
4. Making right turn	6,311	2	1,730
5. Making left turn	20,631	23	7,646
6. Making U-turn	610	0	192
7. Backing	3,039	7	418
8. Slowing or stopping	14,761	9	6,185
9. Starting in roadway	3,635	2	1,226
10. Parking	107	0	10
11. Leaving parked position	835	2	170
12. Stopped in travel lane	24,610	10	11,684
13. Parked out of travel lanes	1	0	0
14. Parked in travel lanes	1,055	4	261
15. Avoiding object in road	493	1	202
16. All others	915	9	280
TOTAL VEHICLES	180,214	399	71,986

17. APPROXIMATE SPEED (Preceding Accident)	All Accidents	Fatal Accidents	Injury Accidents
1. 0— 9 miles per hour	17,416	21	5,652
2. 10—19 miles per hour	25,059	33	8,744
3. 20—29 miles per hour	27,821	25	10,049
4. 30—39 miles per hour	51,677	107	21,544
5. 40—49 miles per hour	21,264	75	9,776
6. 50—59 miles per hour	5,889	43	2,622
7. 60—69 miles per hour	981	18	533
8. 70 miles per hour and over	658	27	329
9. Not stated	29,449	50	12,737
TOTAL VEHICLES	180,214	399	71,986

18. ROAD DEFECTS	All Accidents	Fatal Accidents	Injury Accidents
1. Loose material on surface	806	3	328
2. Holes, ruts	179	0	63
3. Low shoulders	126	1	49
4. Soft shoulders	125	3	51
5. Other defects	200	1	62
6. Road under construction or repair	1,806	4	669
TOTAL DEFECTS	3,242	12	1,222
7. Accidents—road defects	3,242	12	1,222
8. Accidents—no road defects	89,743	243	35,085
9. Accidents—not stated	197	0	63
TOTAL ACCIDENTS	93,182	255	36,370

19. CHARACTER OF ROADWAY	All Accidents	Fatal Accidents	Injury Accidents
1. Straight road—level	60,783	138	23,711
2. Straight road—hillcrest	5,376	19	2,177
3. Straight road—on grade	16,344	49	6,231
4. Straight—bottom (sag)	1,806	4	738
5. Curve—level	4,117	25	1,668
6. Curve—hillcrest	1,038	5	421
7. Curve—grade	3,067	14	1,177
8. Curve—bottom (sag)	369	1	152
9. Not stated	282	0	95
TOTAL ACCIDENTS	93,182	255	36,370

SUMMARY OF URBAN ACCIDENTS

DATE: January—December, 1989

20. WEATHER	All Accidents	Fatal Accidents	Injury Accidents
1. Clear	54,356	169	21,416
2. Cloudy	17,179	43	6,788
3. Raining	17,812	40	7,022
4. Snowing	1,329	1	364
5. Fog, smog, smoke, dust	426	0	149
6. Sleet or hail	1,750	0	530
7. Not stated	330	2	101
TOTAL ACCIDENTS	93,182	255	36,370
21. ROAD SURFACE CONDITION			
1. Dry	65,383	205	25,901
2. Wet	23,044	47	9,078
3. Muddy	58	0	17
4. Snowy	954	2	255
5. Icy	3,378	0	1,007
6. Other	81	1	34
7. Not stated	284	0	78
TOTAL ACCIDENTS	93,182	255	36,370
22. TYPE OF ROAD SURFACE			
1. Concrete	3,422	12	1,337
2. Grooved concrete	744	1	278
3. Blacktop	88,170	238	34,498
4. Gravel	153	1	50
5. Dirt or sand	336	1	112
6. Other	152	2	37
7. Not stated	205	0	58
TOTAL ACCIDENTS	93,182	255	36,370
23. LICENSE OF DRIVER			
1. Licensed in state	151,090	303	61,105
2. Resident—no license	6,758	29	3,096
3. Nonresident—licensed in other state	13,590	39	5,114
4. Nonresident—no license	0	0	0
5. Not stated	873	5	357
TOTAL DRIVERS	172,311	376	69,672

24. DRIVING VIOLATIONS INDICATED	All Accidents	Fatal Accidents	Injury Accidents
1. Exceeding speed limit	1,950	40	1,089
2. Exceeding safe speed	17,207	37	7,808
3. Failed to yield	8,238	19	3,278
4. Alcohol or drug related	4,125	43	2,394
5. Disregarded stop sign	2,570	8	1,334
6. Disregarded traffic signal	5,278	14	2,612
7. Below minimum speed	62	0	22
8. Passed stopped school bus	20	0	13
9. Passing on hill	27	0	11
10. Passing on curve	29	0	14
11. Other improper passing	987	2	240
12. Improper lane use	2,952	4	705
13. Improper turn	2,821	1	924
14. Improper or no signal	220	0	67
15. Improper equipment	1,843	9	813
16. Safe movement violation	34,080	40	12,054
17. Reckless driving	927	10	522
18. Driving left of center	2,121	37	1,019
19. Following too closely	8,018	1	3,328
20. Improper backing	1,339	2	167
21. Improper parking	95	0	21
22. Other improper driving	6,165	42	2,698
TOTAL VIOLATIONS	101,074	309	41,133
25. VIOLATION CONTROL			
1. Drivers in violation	89,112	197	35,053
2. Drivers not in violation	80,392	159	33,165
3. Drivers violation unknown or not stated	2,807	20	1,454
TOTAL DRIVERS	172,311	376	69,672
26. DRIVER DRINKING CONDITION			
1. Had not been drinking	163,445	252	65,272
2. Drinking—ability impaired	3,284	25	1,891
3. Drinking—ability impairment not known	1,979	18	1,073
4. Unable to determine	2,195	74	890
5. Not stated	1,408	7	546
TOTAL DRIVERS	172,311	376	69,672

27. AGE OF DRIVER	All Accidents	Fatal Accidents	Injury Accidents
1. 15 and younger	319	2	128
2. 16	4,858	10	1,969
3. 17	5,682	5	2,244
4. 18—19	13,526	24	5,625
5. 20 thru 24	29,526	55	12,067
6. 25 thru 34	45,868	101	18,528
7. 35 thru 44	30,367	68	12,199
8. 45 thru 54	16,876	43	6,933
9. 55 thru 64	12,181	27	4,894
10. 65 thru 74	8,355	24	3,254
11. 75 and older	3,921	14	1,543
12. Not stated	832	3	288
TOTAL DRIVERS	172,311	376	69,672
28. SEX OF DRIVER			
1. Male	99,008	283	38,720
2. Female	71,946	92	30,553
3. Not stated	1,357	1	399
TOTAL DRIVERS	172,311	376	69,672
29. DRIVER PHYSICAL CONDITION			
1. Normal	164,824	249	65,867
2. Ill	166	0	111
3. Fatigued	433	1	231
4. Asleep	306	1	176
5. Impairment due to medicine or drugs	1,689	15	975
6. Other physical impairment	1,123	7	655
7. Restriction on license not complied with	64	0	37
8. Condition not known	2,501	95	1,165
9. Not stated	1,205	8	455
TOTAL DRIVERS	172,311	376	69,672

SUMMARY OF URBAN ACCIDENTS

DATE: January—December, 1989

30. ACCIDENT CONTROL	All Accidents	Fatal Accidents	Injury Accidents	PERSONS Killed	PERSONS Injured
30A. DRINKING CONDITION					
1. Accidents—alcohol related	5,151	42	2,898	47	4,903
2. Accidents—not alcohol related	84,865	141	32,232	148	50,957
3. Accidents—officer unable to determine	1,935	65	770	71	1,273
4. Accidents—information not stated	1,231	7	470	8	742
TOTAL ACCIDENTS	93,182	255	36,370	274	57,875
30B. VIOLATION					
5. Accidents—speeding violation	18,053	68	8,336	75	13,421
6. Accidents—other violation	60,818	103	22,670	112	37,001
7. Accidents—not involving a violation	13,102	72	4,743	75	6,545
8. Accidents—violation information not stated	1,209	12	621	12	908
TOTAL ACCIDENTS	93,182	255	36,370	274	57,875
30C. VEHICLE DEFECTS					
9. Accidents—involving vehicle defects	2,515	13	1,124	14	1,827
10. Accidents—no vehicle defects detected	66,086	145	25,207	157	39,789
11. Accidents—not known if defective	23,475	94	9,609	100	15,565
12. Accidents—information not stated	1,106	3	430	3	694
TOTAL ACCIDENTS	93,182	255	36,370	274	57,875

31. ROADWAY FEATURE	All Accidents	Fatal Accidents	Injury Accidents
1. Bridge	1,459	8	580
2. Underpass	329	2	123
3. Driveway, public	4,062	9	1,435
4. Driveway, private	1,326	4	427
5. Alley intersection	182	1	64
6. Intersection of roadways	38,024	79	16,216
7. Non-intersection median crossing	660	2	251
8. End or beginning of divided highway	218	2	69
9. Interchange ramp	1,554	2	554
10. Interchange service road	105	0	39
11. Railroad crossing	309	7	95
12. Tunnel	11	0	7
13. Other	1,833	7	628
14. No special feature	42,851	132	15,789
15. Not stated	259	0	93
TOTAL ACCIDENTS	93,182	255	36,370

COUNTY ACCIDENT SUMMARY

URBAN

January—December, 1989

COUNTIES	Total All Accidents	Fatal	Non-Fatal	Property Damage	PERSONS		COUNTIES	Total All Accidents	Fatal	Non-Fatal	Property Damage	PERSONS	
					Injured	Killed						Injured	Killed
Alamance	1,559	2	726	831	1,197	2	Jones	0	0	0	0	0	0
Alexander	0	0	0	0	0	0	Lee	637	3	173	461	308	3
Alleghany	0	0	0	0	0	0	Lenoir	829	2	302	525	486	2
Anson	0	0	0	0	0	0	Lincoln	142	0	49	93	85	0
Ashe	0	0	0	0	0	0	Macon	0	0	0	0	0	0
Avery	0	0	0	0	0	0	Madison	0	0	0	0	0	0
Beaufort	258	1	123	134	190	1	Martin	167	0	66	101	108	0
Bertie	0	0	0	0	0	0	McDowell	0	0	0	0	0	0
Bladen	0	0	0	0	0	0	Mecklenburg	19,341	48	7,485	11,808	12,549	59
Brunswick	0	0	0	0	0	0	Mitchell	0	0	0	0	0	0
Buncombe	2,011	5	978	1,028	1,491	7	Montgomery	0	0	0	0	0	0
Burke	737	1	322	414	527	2	Moore	238	1	66	171	110	1
Cabarrus	1,502	4	630	868	994	4	Nash	993	5	412	576	639	5
Caldwell	807	0	281	526	445	0	New Hanover	2,760	10	1,182	1,568	1,896	10
Camden	0	0	0	0	0	0	Northampton	0	0	0	0	0	0
Carteret	225	0	84	141	130	0	Onslow	1,378	5	529	844	829	5
Caswell	0	0	0	0	0	0	Orange	1,054	3	328	723	470	3
Catawba	2,145	4	813	1,328	1,331	4	Pamlico	0	0	0	0	0	0
Chatham	0	0	0	0	0	0	Pasquotank	346	1	137	208	229	1
Cherokee	0	0	0	0	0	0	Pender	0	0	0	0	0	0
Chowan	86	0	38	48	55	0	Perquimans	0	0	0	0	0	0
Clay	0	0	0	0	0	0	Person	268	0	77	191	105	0
Cleveland	736	2	311	423	502	2	Pitt	1,643	4	599	1,040	918	4
Columbus	333	0	172	161	312	0	Polk	0	0	0	0	0	0
Craven	818	2	336	480	565	2	Randolph	789	5	287	497	457	5
Cumberland	3,877	9	1,635	2,233	2,553	10	Richmond	581	6	231	344	431	6
Currituck	0	0	0	0	0	0	Robeson	886	5	383	498	648	5
Dare	0	0	0	0	0	0	Rockingham	745	2	290	453	445	2
Davidson	1,276	5	525	746	792	5	Rowan	1,046	6	379	661	644	6
Davie	0	0	0	0	0	0	Rutherford	256	1	105	150	180	2
Duplin	0	0	0	0	0	0	Sampson	239	2	106	131	193	2
Durham	4,579	12	1,754	2,813	2,650	14	Scotland	339	0	157	182	275	0
Edgecombe	505	0	228	327	346	0	Stanly	429	2	183	244	272	2
Forsyth	6,022	16	2,267	3,739	3,365	17	Stokes	0	0	0	0	0	0
Franklin	0	0	0	0	0	0	Surry	438	1	151	286	270	1
Gaston	3,201	9	1,268	1,924	2,044	13	Swain	0	0	0	0	0	0
Gates	0	0	0	0	0	0	Transylvania	178	0	65	113	108	0
Graham	0	0	0	0	0	0	Tyrrell	0	0	0	0	0	0
Granville	196	2	82	112	128	2	Union	740	3	280	457	418	3
Greene	0	0	0	0	0	0	Vance	547	1	190	356	279	2
Guilford	10,418	28	4,251	6,139	6,735	30	Wake	9,522	19	3,124	6,379	4,737	21
Halifax	465	0	185	280	260	0	Warren	0	0	0	0	0	0
Harnett	345	0	152	193	252	0	Washington	0	0	0	0	0	0
Haywood	176	1	60	115	96	1	Watauga	471	2	136	333	209	2
Henderson	434	2	189	243	268	2	Wayne	1,123	4	434	685	674	4
Hertford	0	0	0	0	0	0	Wilkes	0	0	0	0	0	0
Hoke	0	0	0	0	0	0	Wilson	749	4	497	248	799	4
Hyde	0	0	0	0	0	0	Yadkin	0	0	0	0	0	0
Iredell	1,074	3	394	677	615	3	Yancey	0	0	0	0	0	0
Jackson	0	0	0	0	0	0							
Johnston	473	2	163	308	261	2	**TOTAL**	93,182	255	36,370	56,557	57,875	274

DEFINITIONS

Alcohol Related Accident— an accident where the investigating officer indicates that a driver, pedestrian, or bicyclist had been drinking.

Fatal Motor Vehicle Traffic Accident— an accident that involves a motor vehicle in transport on a roadway in which at least one person dies within 30 days of the accident.

First Harmful Event— the first event during an accident that caused injury or property damage.

Fixed Object— any object that is a stationary structure or has substantial vegetation attached to the terrain.

Moped— a motor-driven cycle capable of speeds up to approximately 30 miles an hour which can also be pedaled.

Most Harmful Event— the event during an accident that is judged to have produced the greatest personal injury or property damage.

Motor Vehicle in Transport— a motor vehicle which is in motion or on a roadway.

Pedestrian— any person not in or upon a motor vehicle or other vehicle.

Population— estimates of permanent residents of North Carolina as of July 1, 1987 by the Office of State Budget and Management.

Reportable Motor Vehicle Traffic Accident— an accident involving a motor vehicle in transport on a roadway resulting in death, injury, or property damage of $500 or more.

Rural Accident— an accident that occurs in an unincorporated area or city with less than 5,000 population.

Nonurbanized Rural—all unincorporated areas.

Urbanized Rural—incorporated cities with less than 5,000 population.

Type of Accident— classified according to the *first event* on the road which contributed to a motor vehicle traffic accident.

Noncollision Accident—a motor vehicle accident other than a collision.

Ran off Road: an accident in which a motor vehicle in transport leaves the traveled portion of the road without antecedent accident.

Overturned on Road: an accident in which a motor vehicle in transport overturns without antecedent accident.

Other Noncollision: accidents involving a motor vehicle in transport other than running off road, overturning, or collision.

Collision Accident—a collision of a motor vehicle in transport, its load, its parts, or object set in motion by the motor vehicle, with another road vehicle, other property or pedestrian.

Pedestrian: a collision involving a pedestrian and a motor vehicle in transport.

Motor Vehicle in Traffic: a collision involving two or more motor vehicles in transport.

Parked Motor Vehicle: a collision involving a motor vehicle not in transport and a motor vehicle in transport.

Railroad Train: a collision involving a railway vehicle and a motor vehicle in transport.

Bicyclist: a collision involving a bicycle and a motor vehicle in transport.

Moped: a collision involving a moped and a motor vehicle in transport.

Animal: a collision involving an animal, other than an animal drawn vehicle, and a motor vehicle in transport.

Fixed Object: a collision involving a motor vehicle in transport striking a fixed object.

Other Object: a collision involving a motor vehicle in transport with objects that are movable or moving but not fixed.

Urban Accident— an accident that occurs within an incorporated city of 5,000 population or more.

Vehicle Miles Traveled— estimated on the basis of average (15.47) miles per gallon of fuel sold for motor vehicle use.

Information contained in this booklet has been compiled by the Collision Reports Section of the Division of Motor Vehicles from 1989 data received prior to April 3, 1990.

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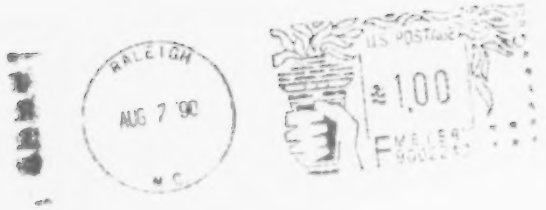

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